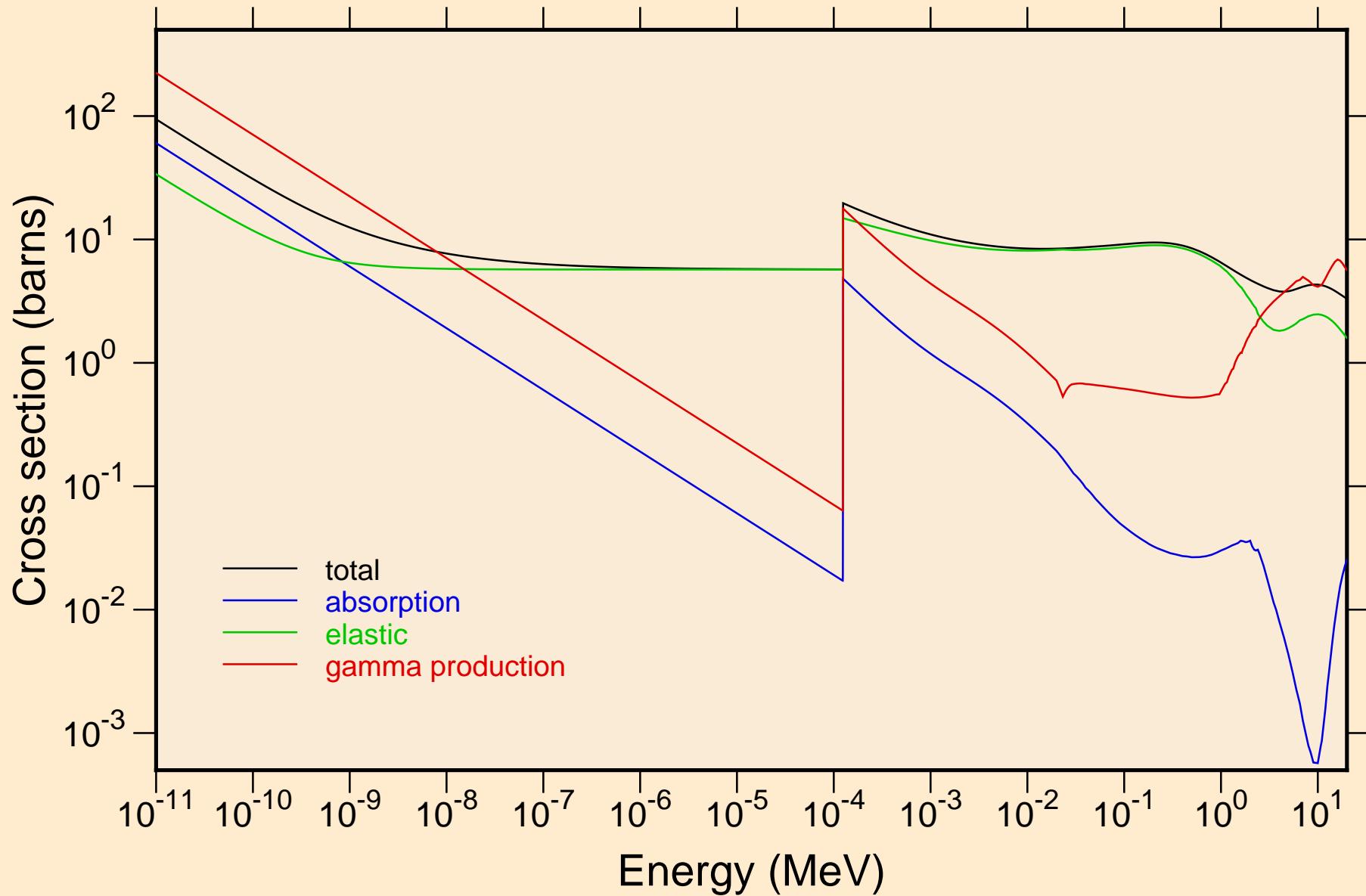


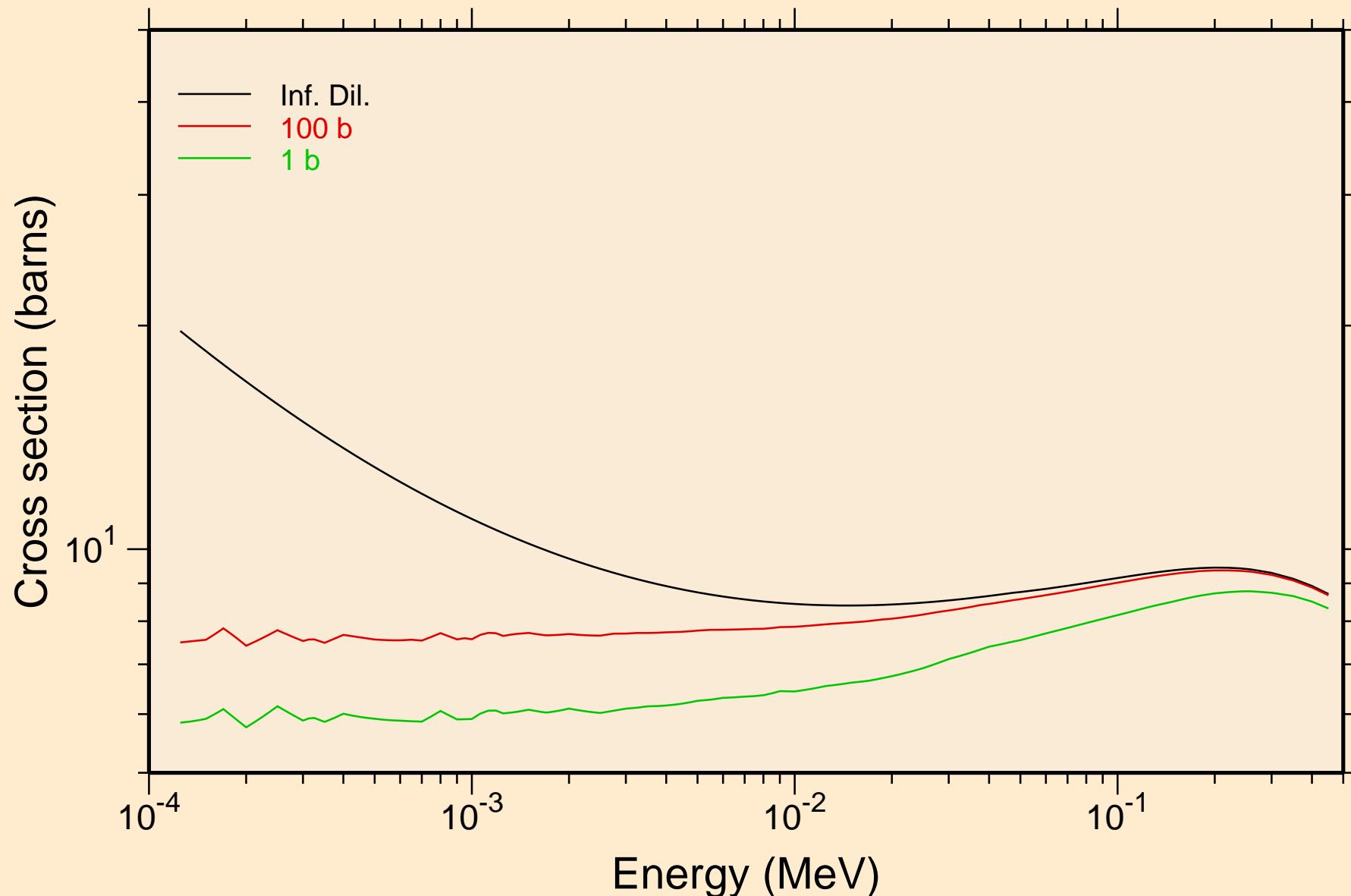
# JENDL-4 ZR-95

## Principal cross sections



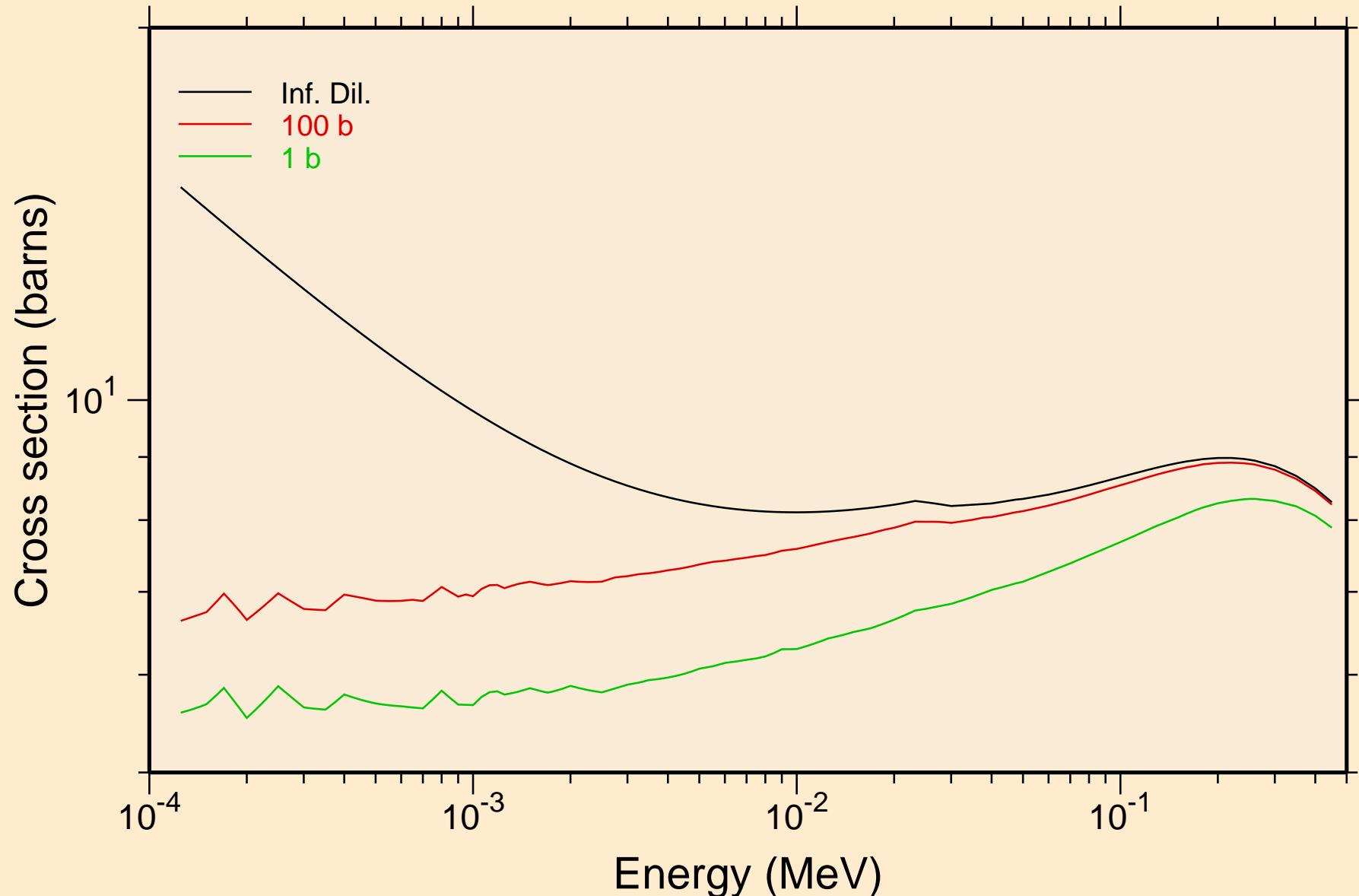
# JENDL-4 ZR-95

## UR total cross section



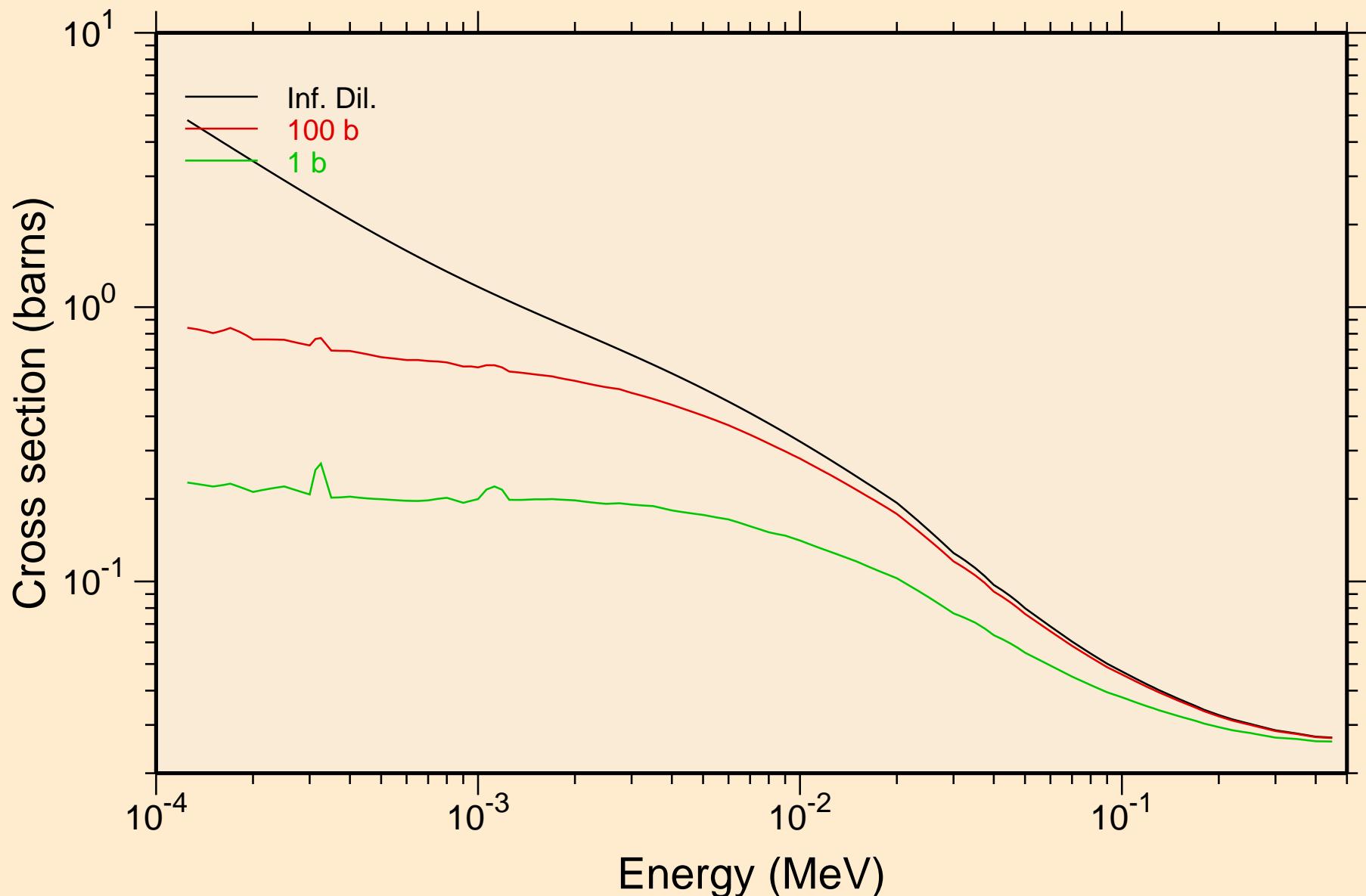
# JENDL-4 ZR-95

## UR elastic cross section

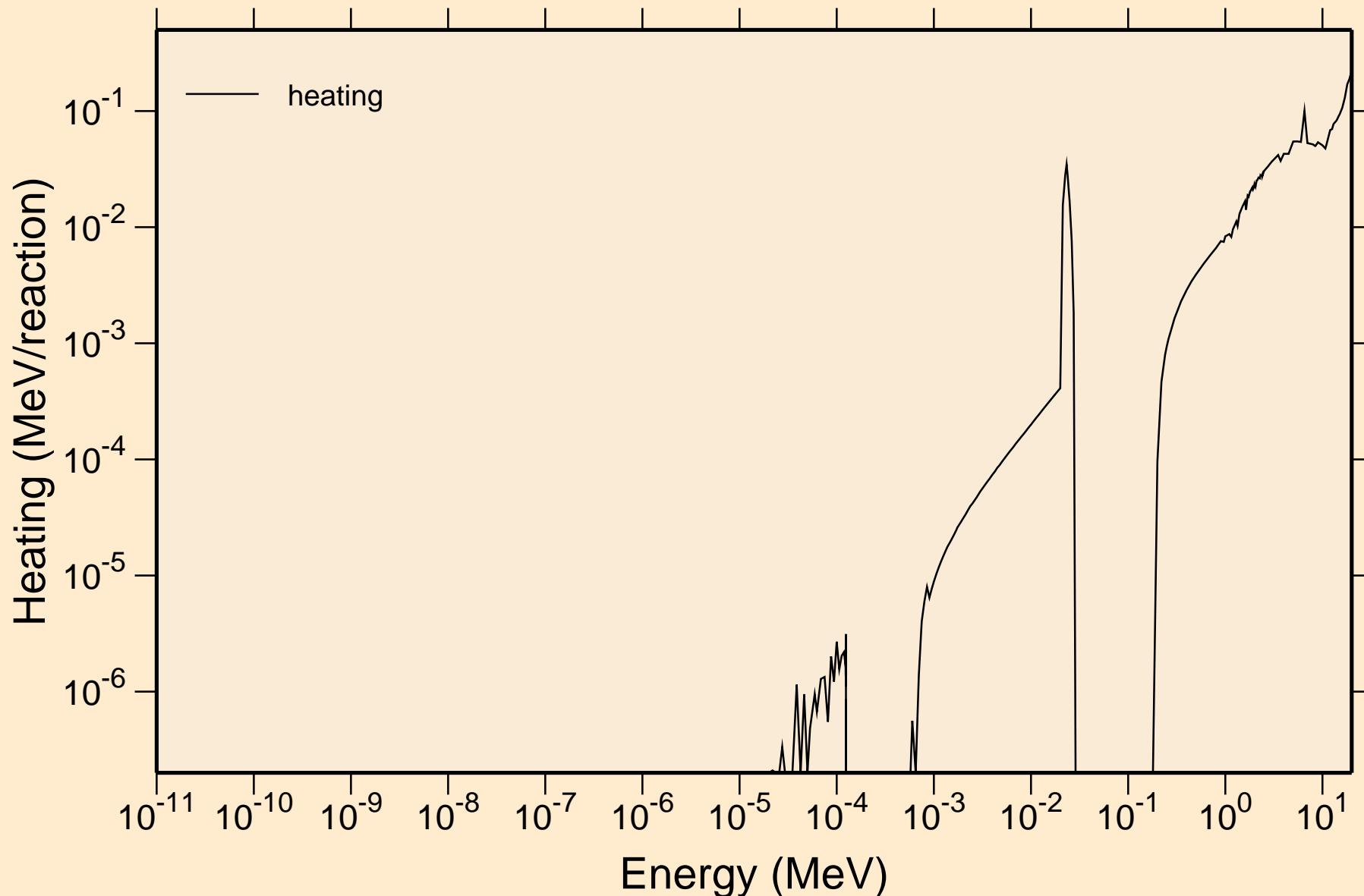


# JENDL-4 ZR-95

## UR capture cross section

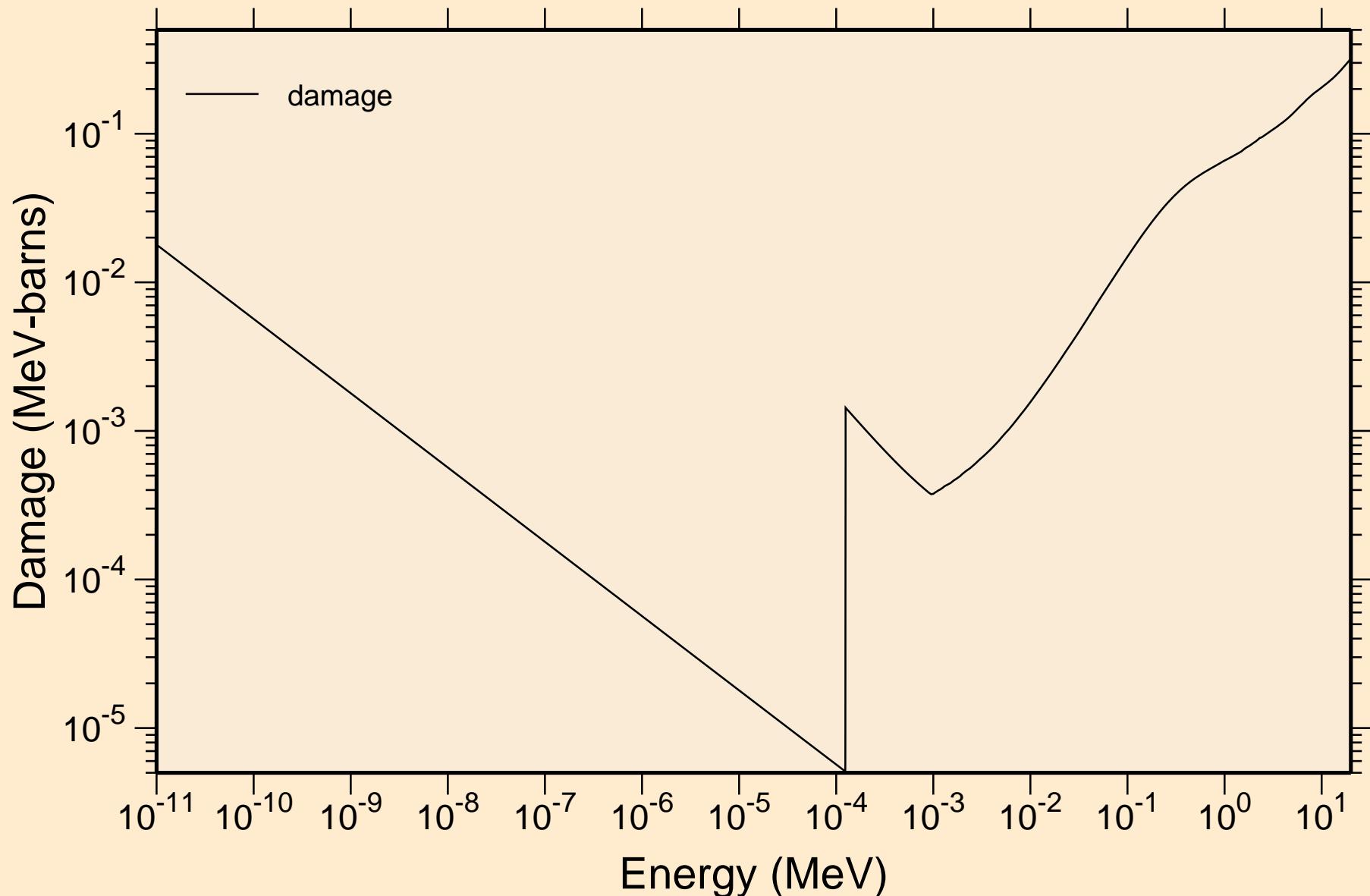


JENDL-4 ZR-95  
Heating



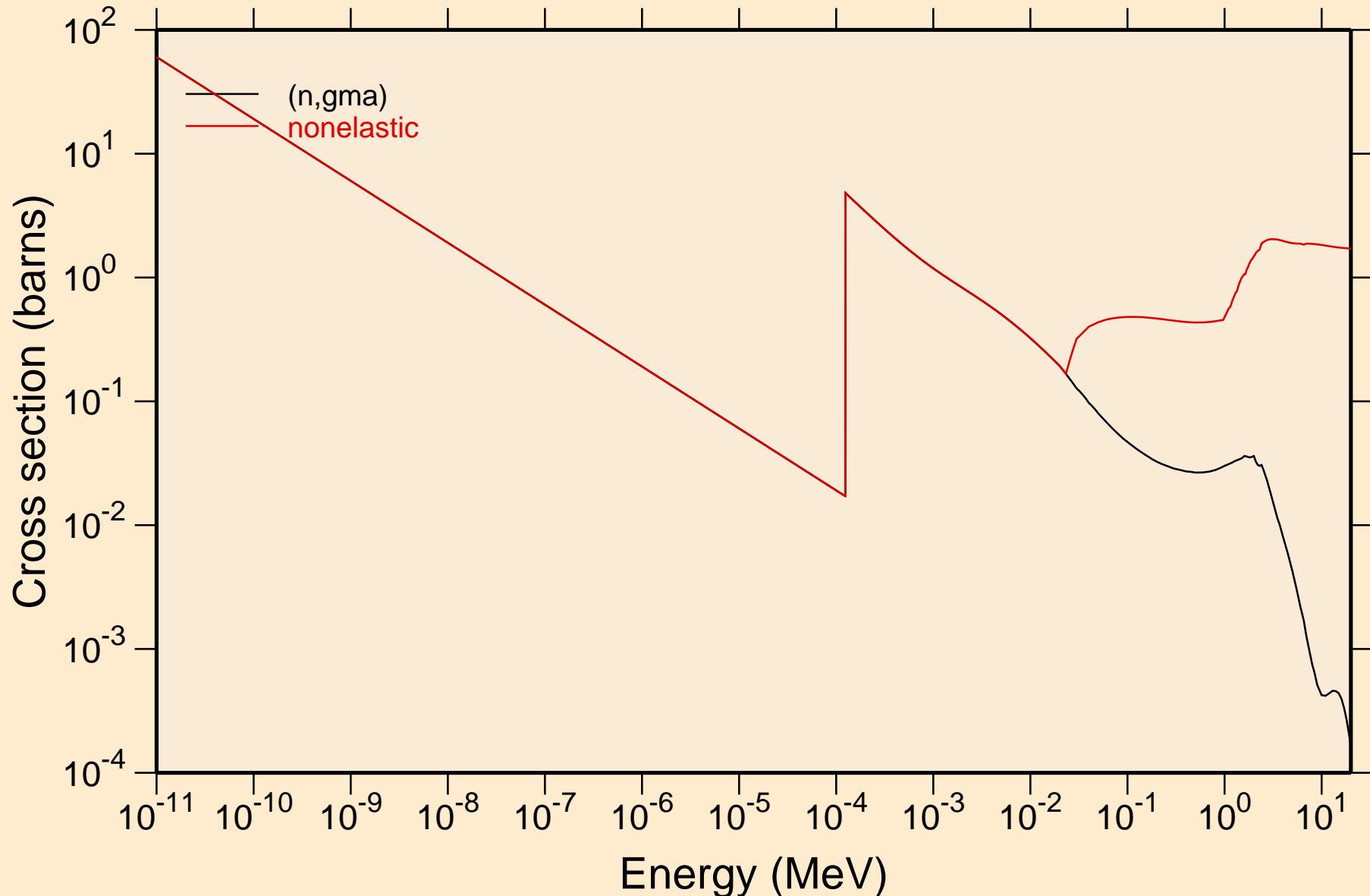
# JENDL-4 ZR-95

## Damage

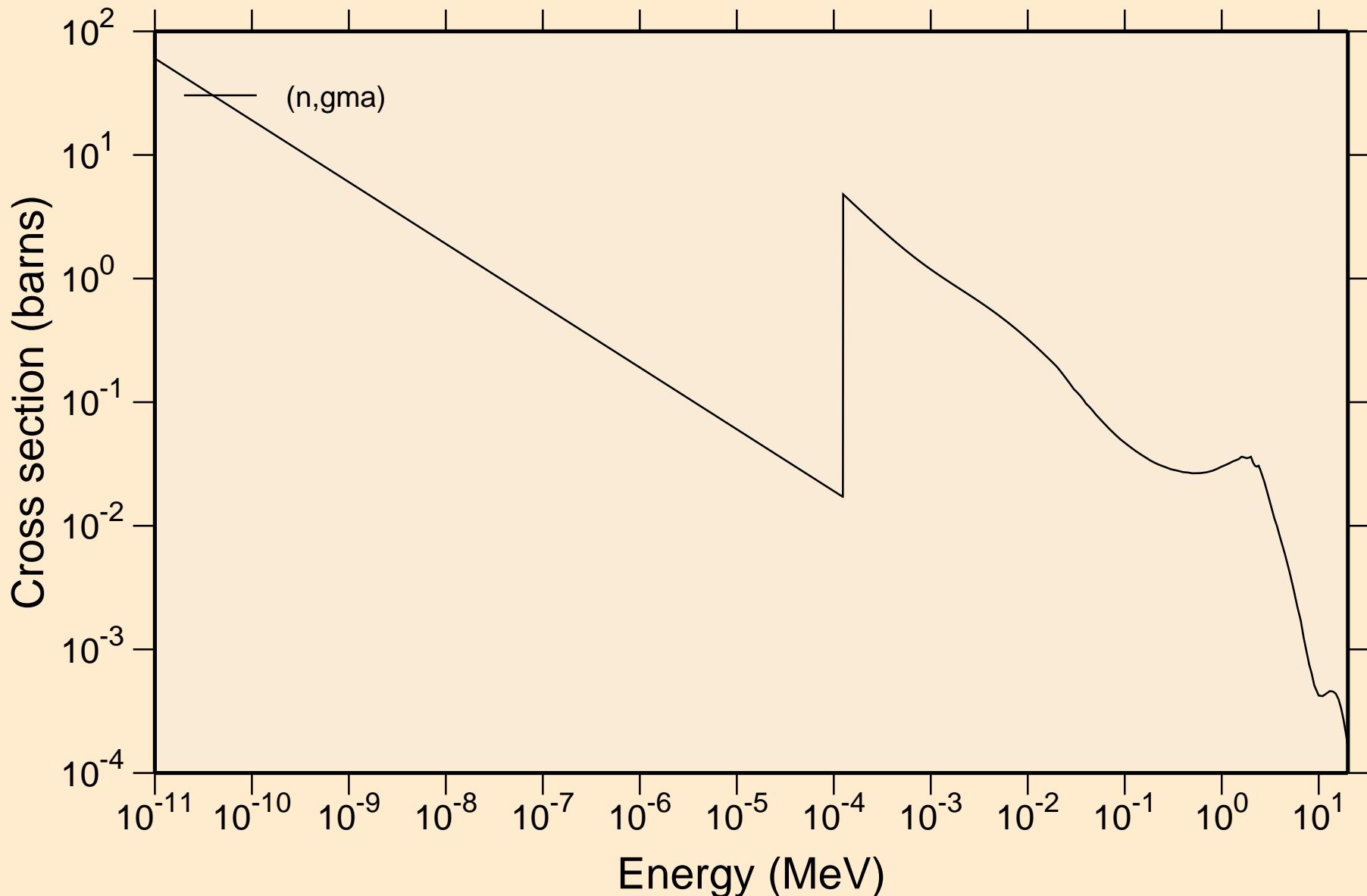


# JENDL-4 ZR-95

## Non-threshold reactions

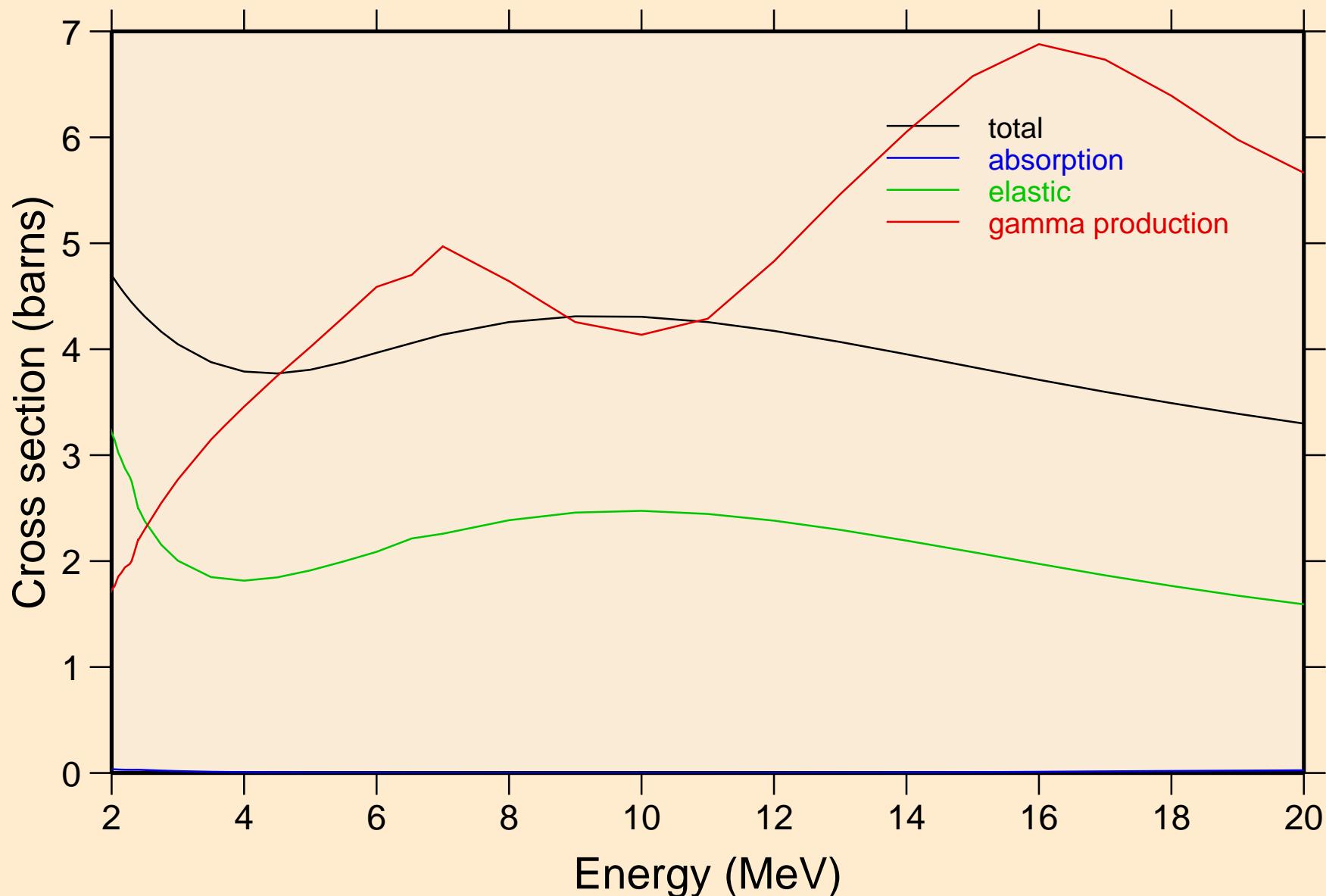


JENDL-4 ZR-95  
Non-threshold reactions

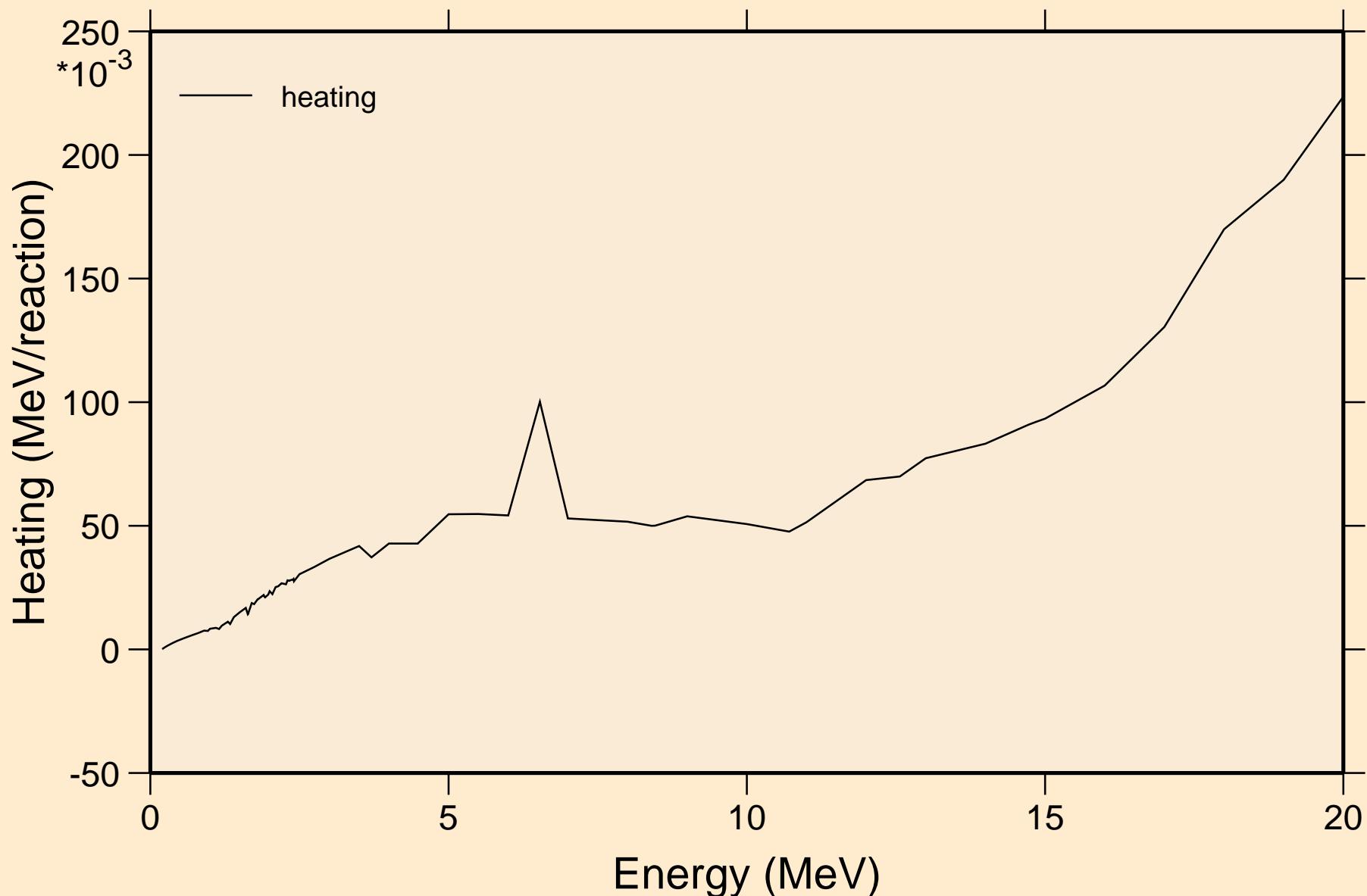


# JENDL-4 ZR-95

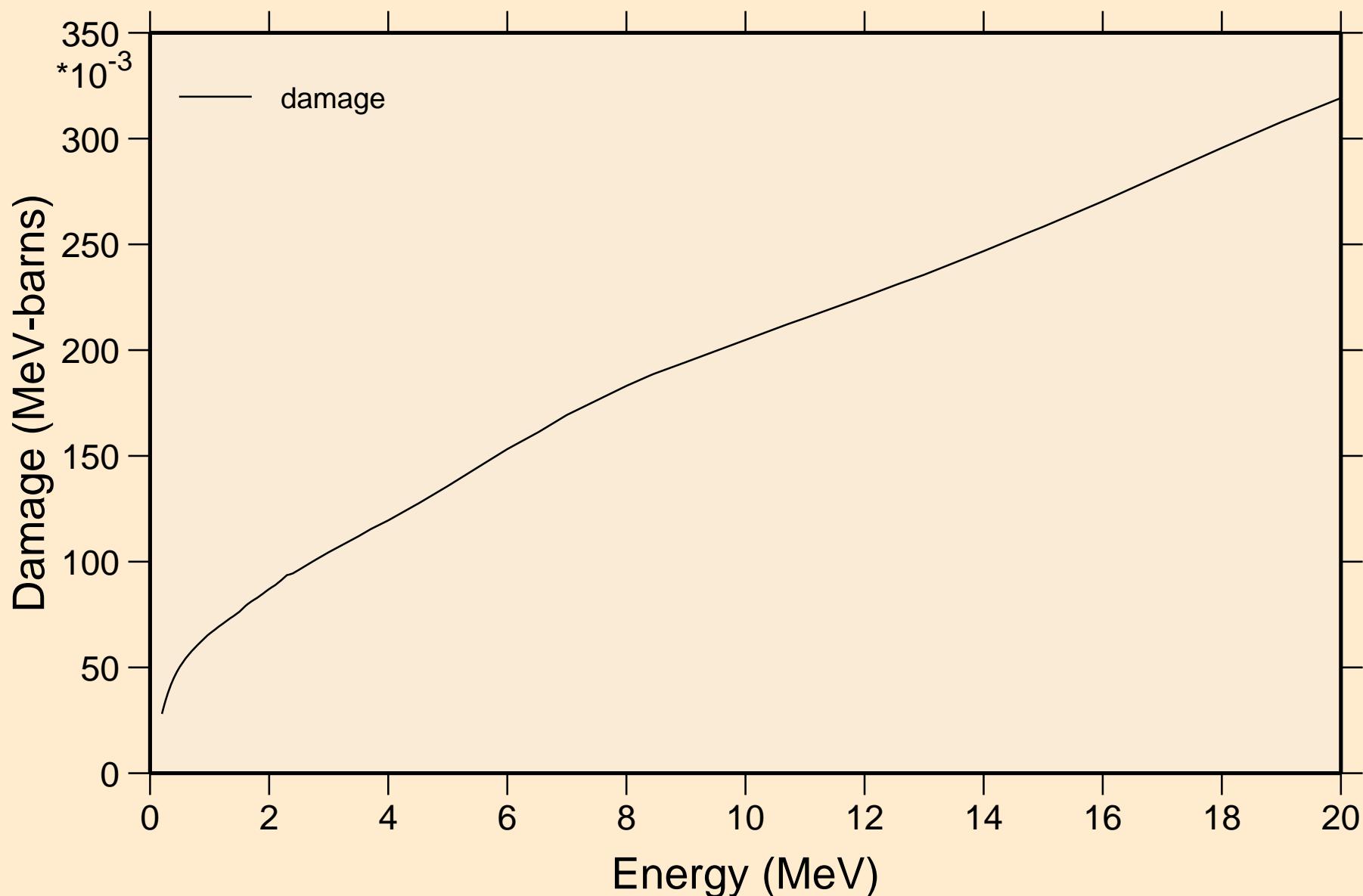
## Principal cross sections



JENDL-4 ZR-95  
Heating

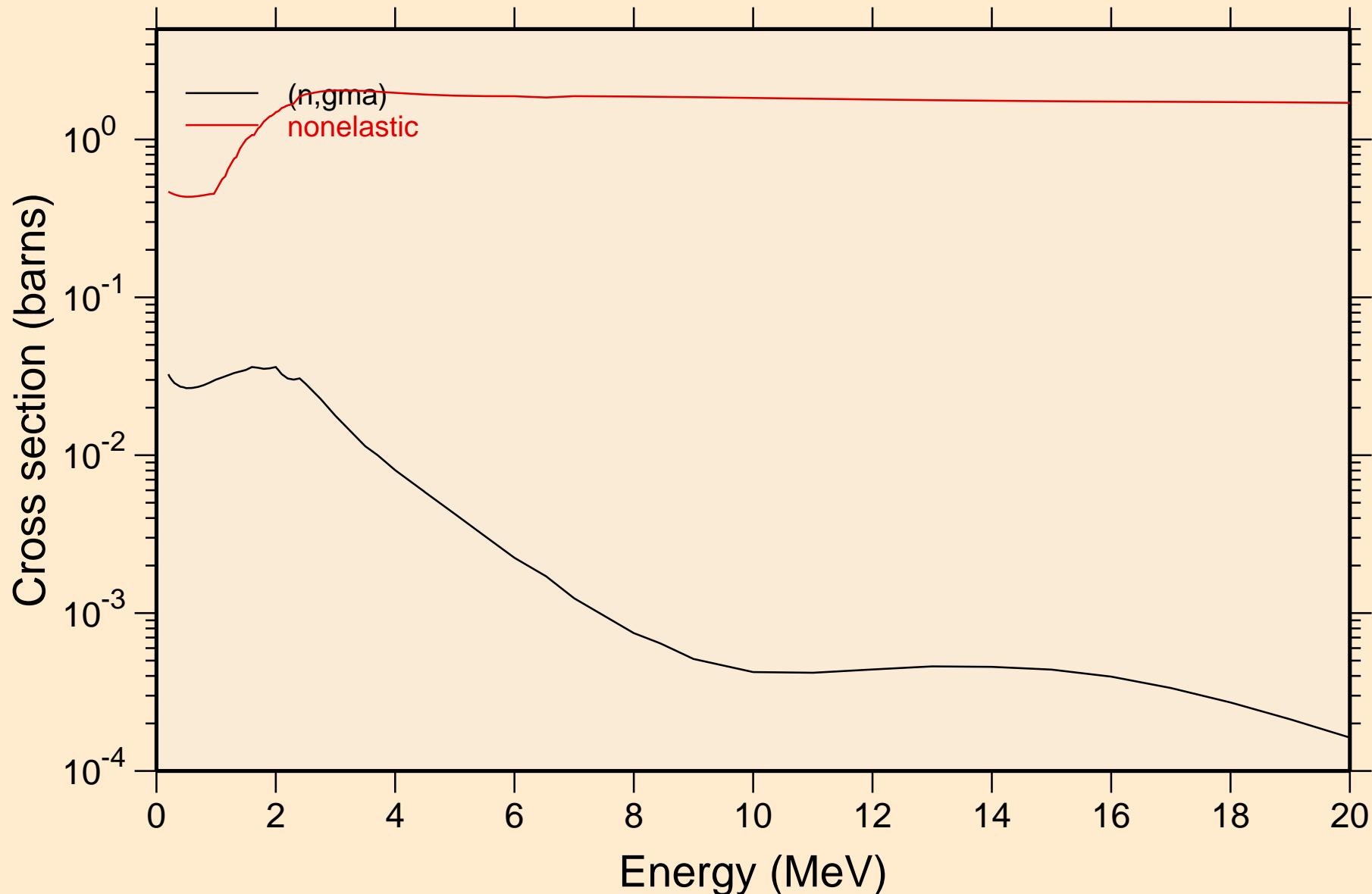


JENDL-4 ZR-95  
Damage

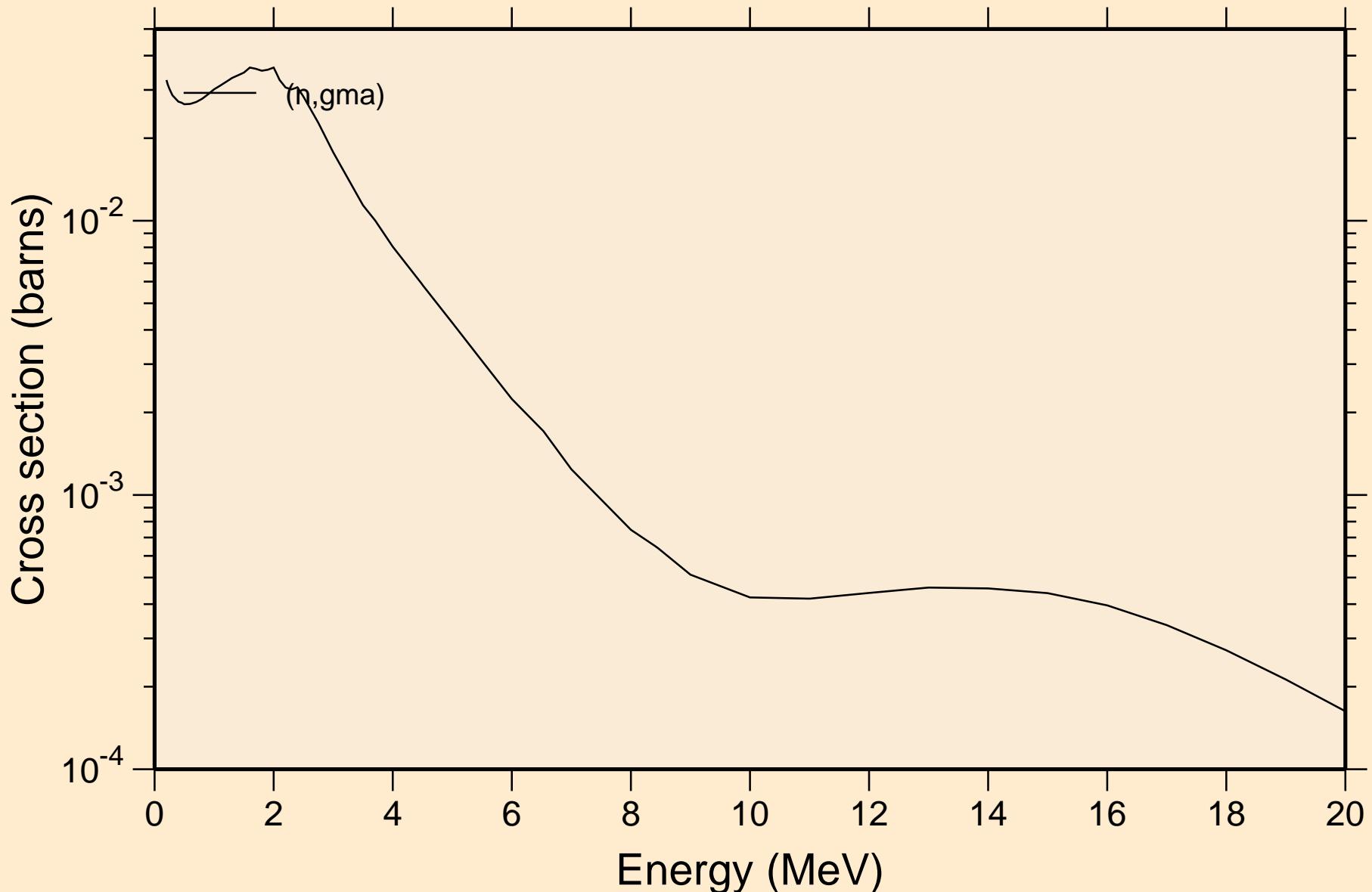


# JENDL-4 ZR-95

## Non-threshold reactions

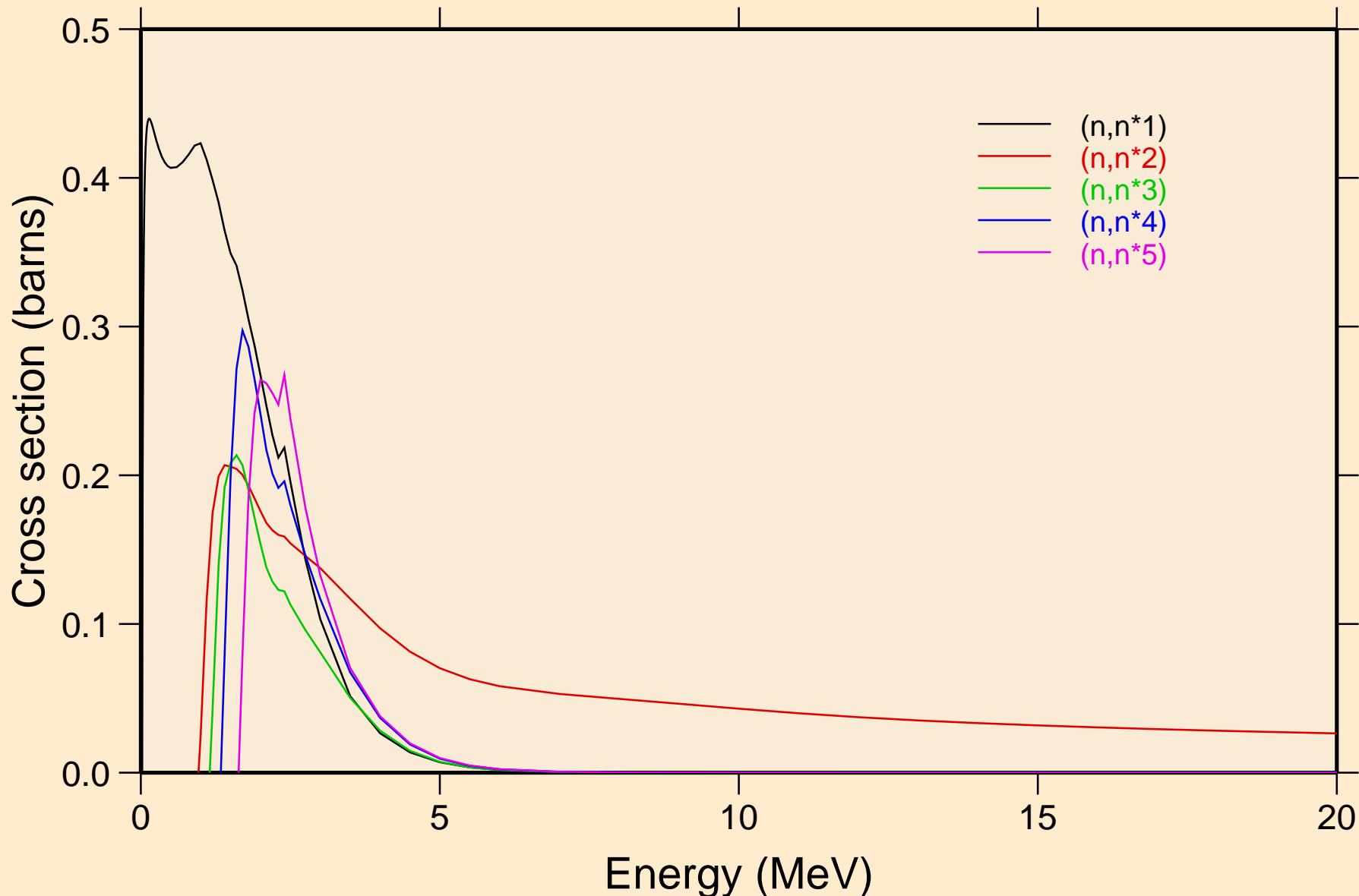


JENDL-4 ZR-95  
Non-threshold reactions



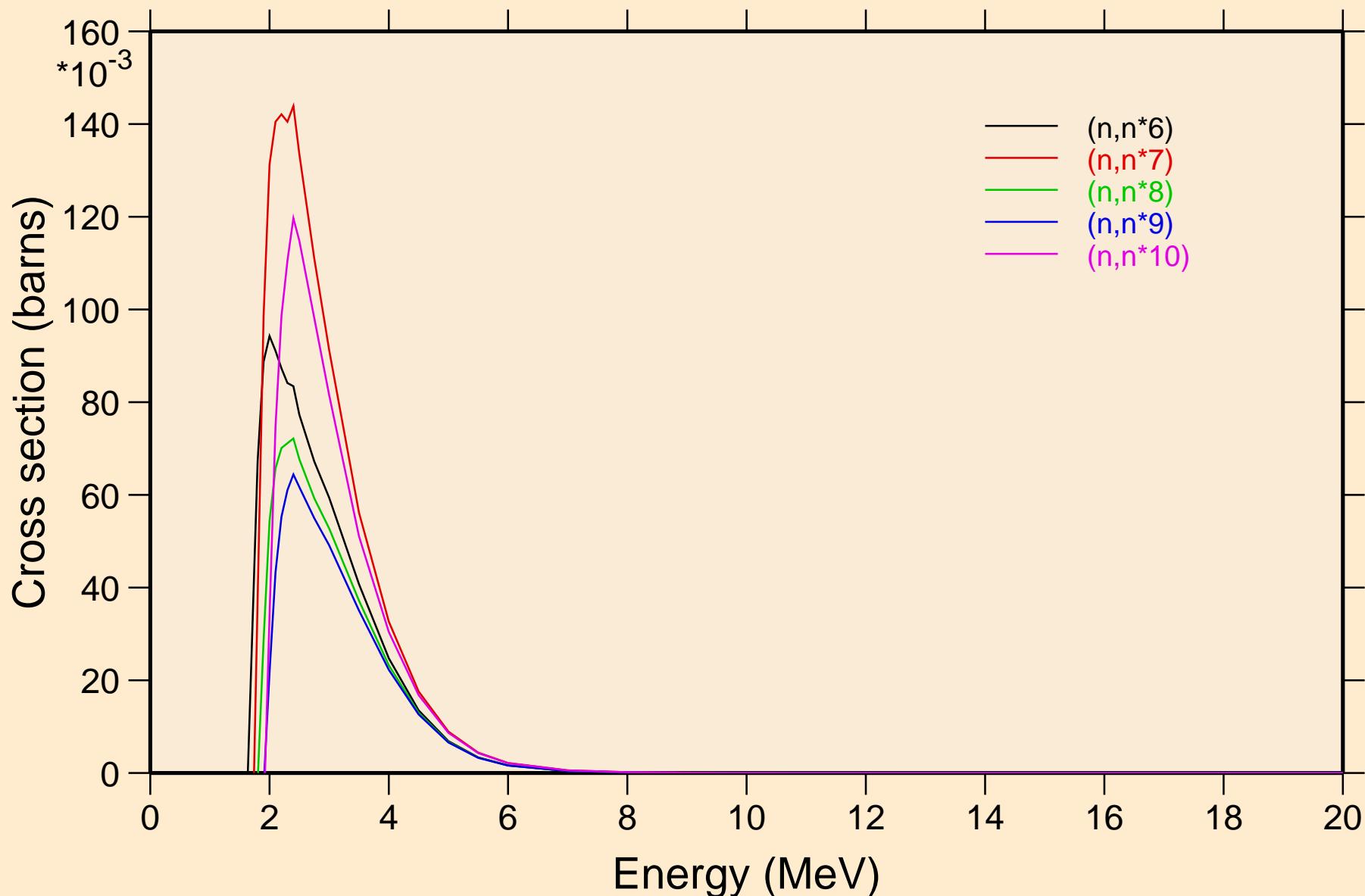
# JENDL-4 ZR-95

## Inelastic levels

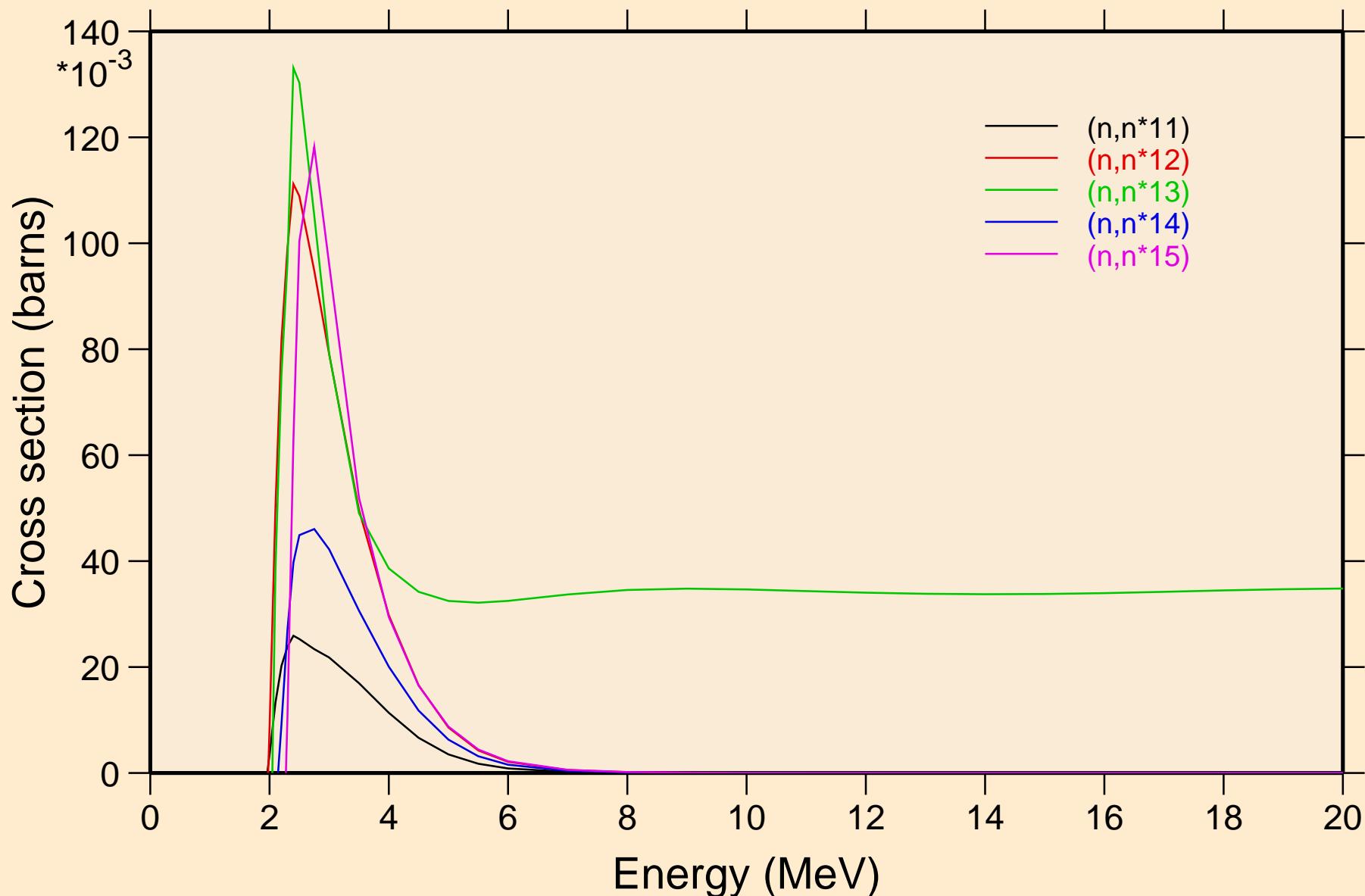


# JENDL-4 ZR-95

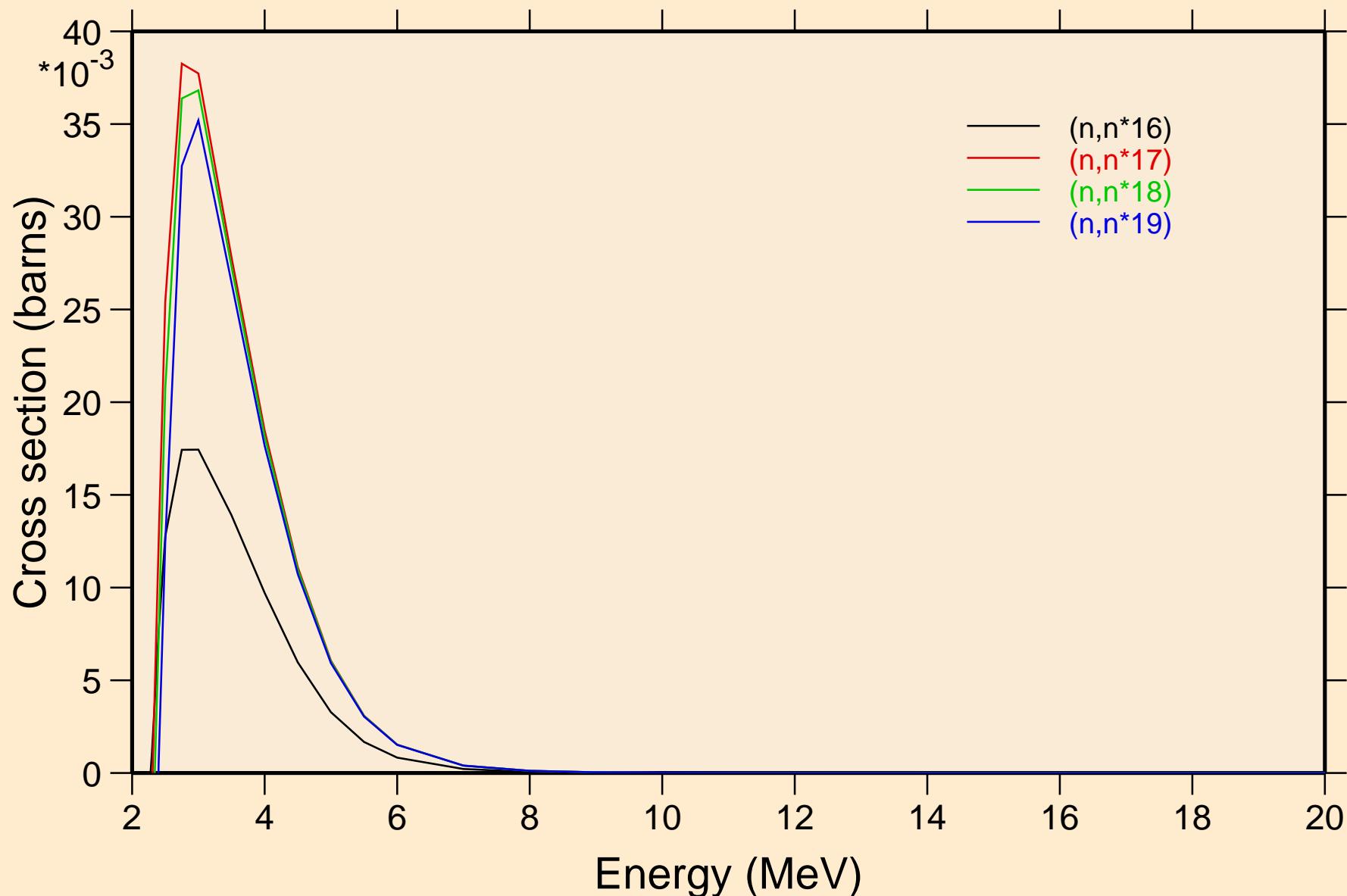
## Inelastic levels



JENDL-4 ZR-95  
Inelastic levels

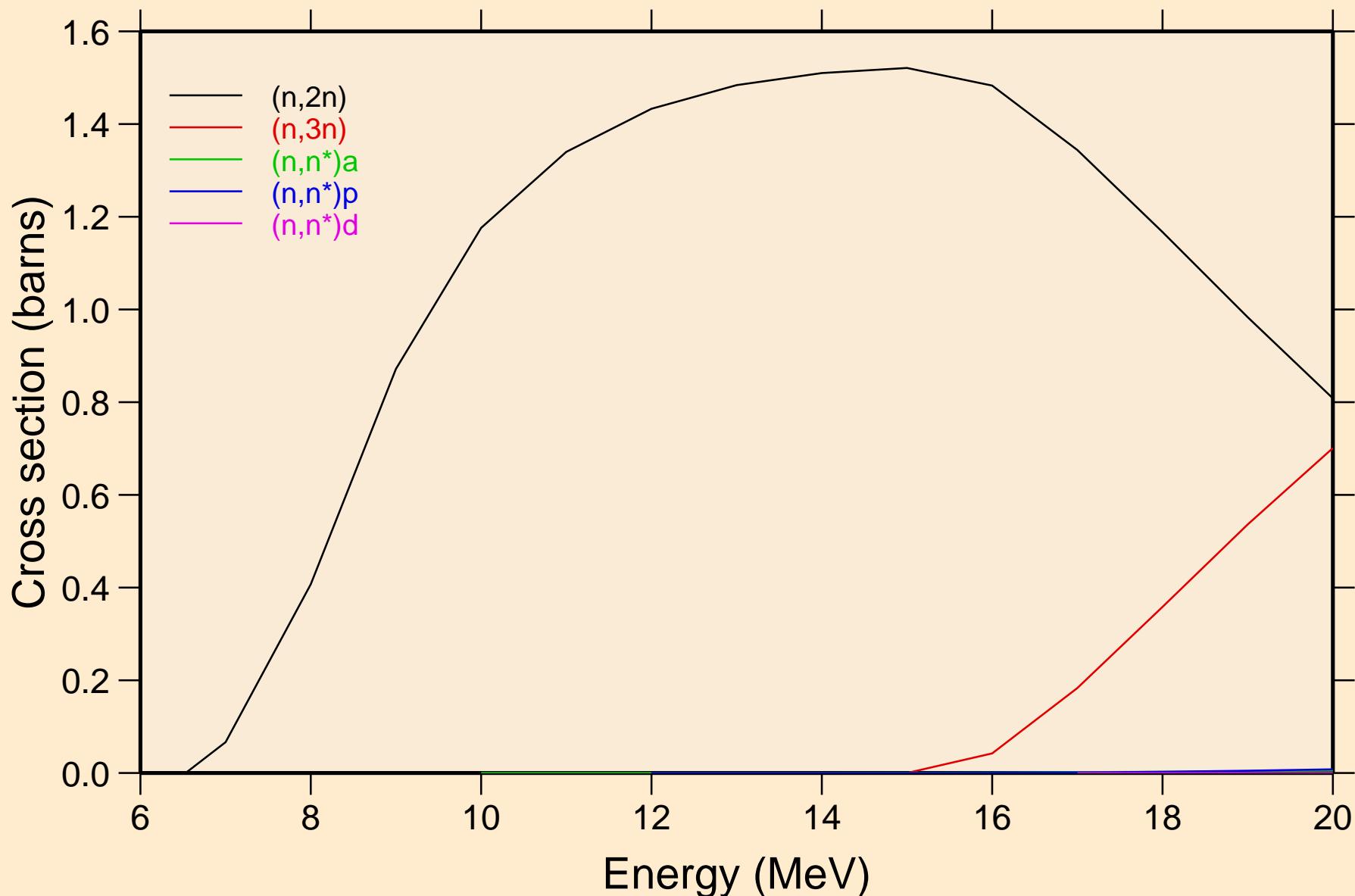


JENDL-4 ZR-95  
Inelastic levels



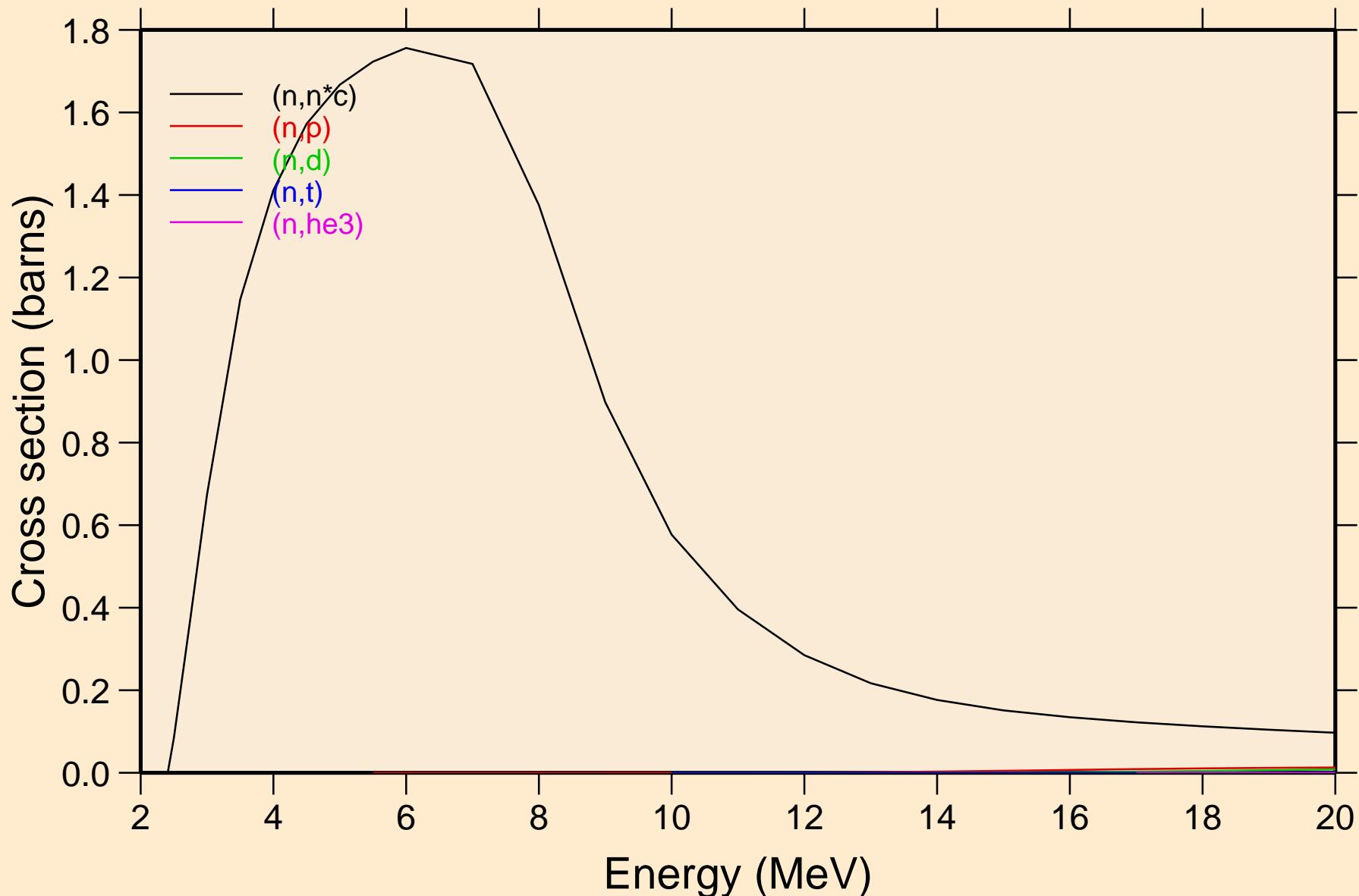
# JENDL-4 ZR-95

## Threshold reactions

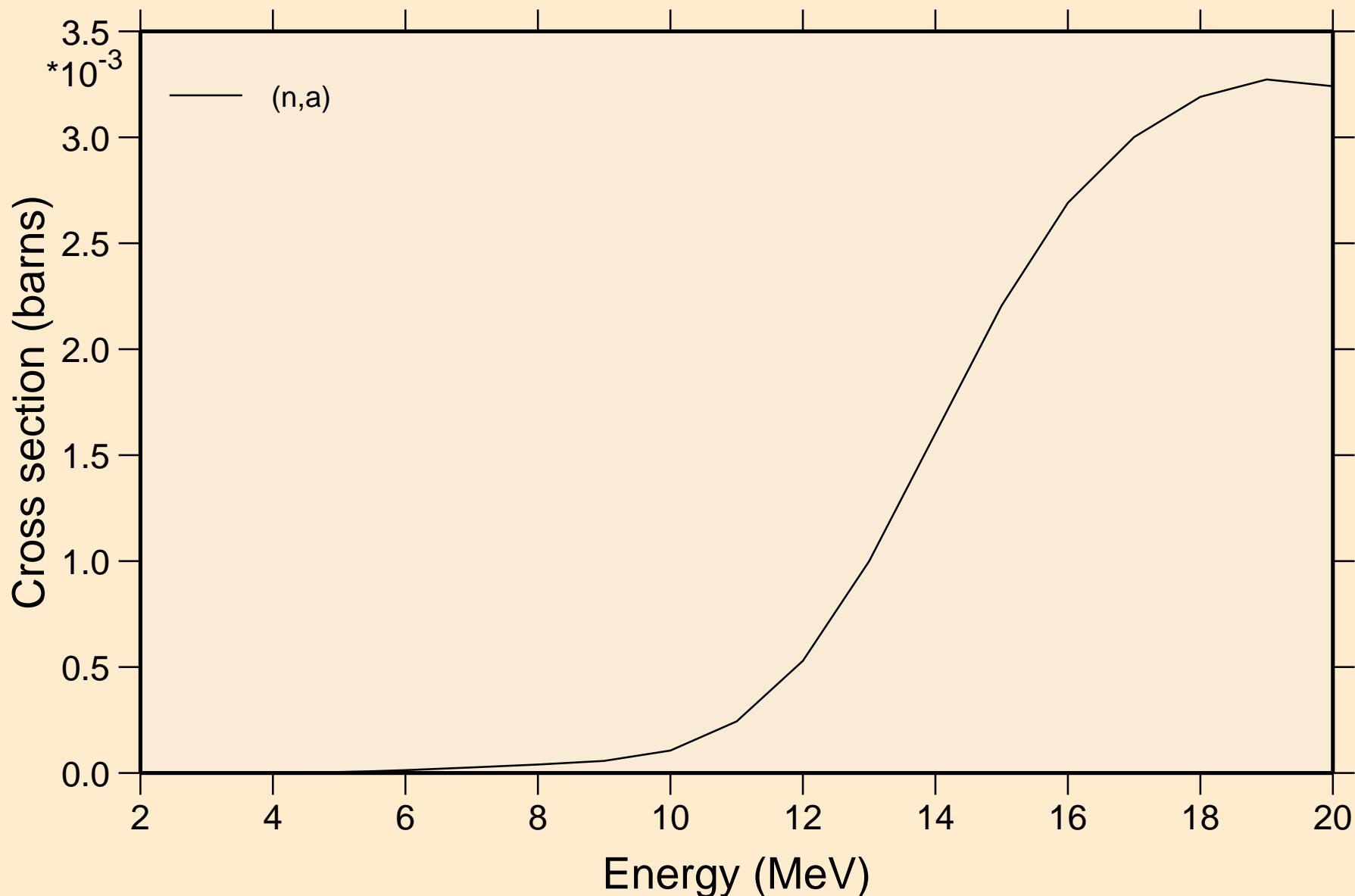


# JENDL-4 ZR-95

## Threshold reactions

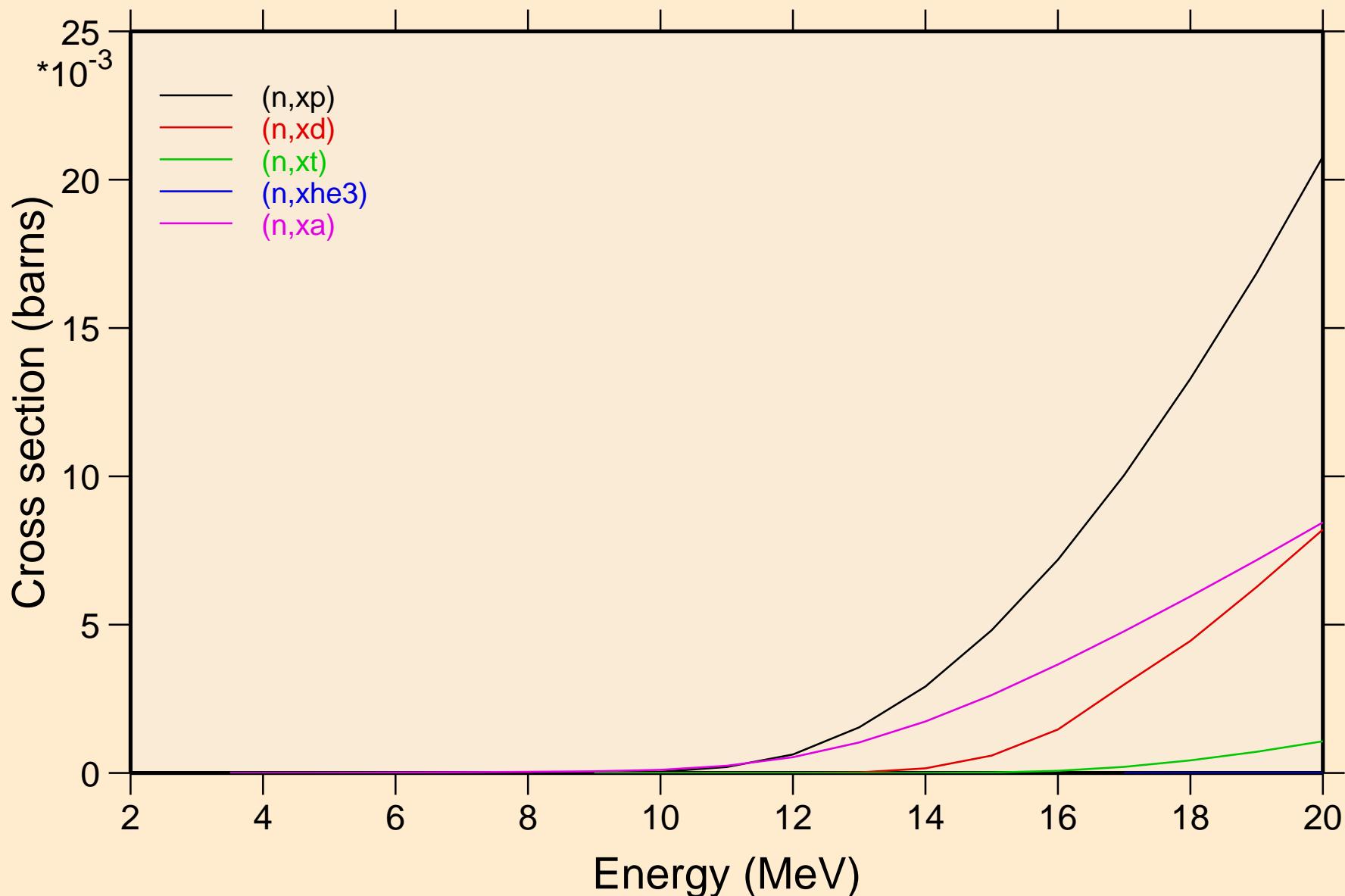


JENDL-4 ZR-95  
Threshold reactions

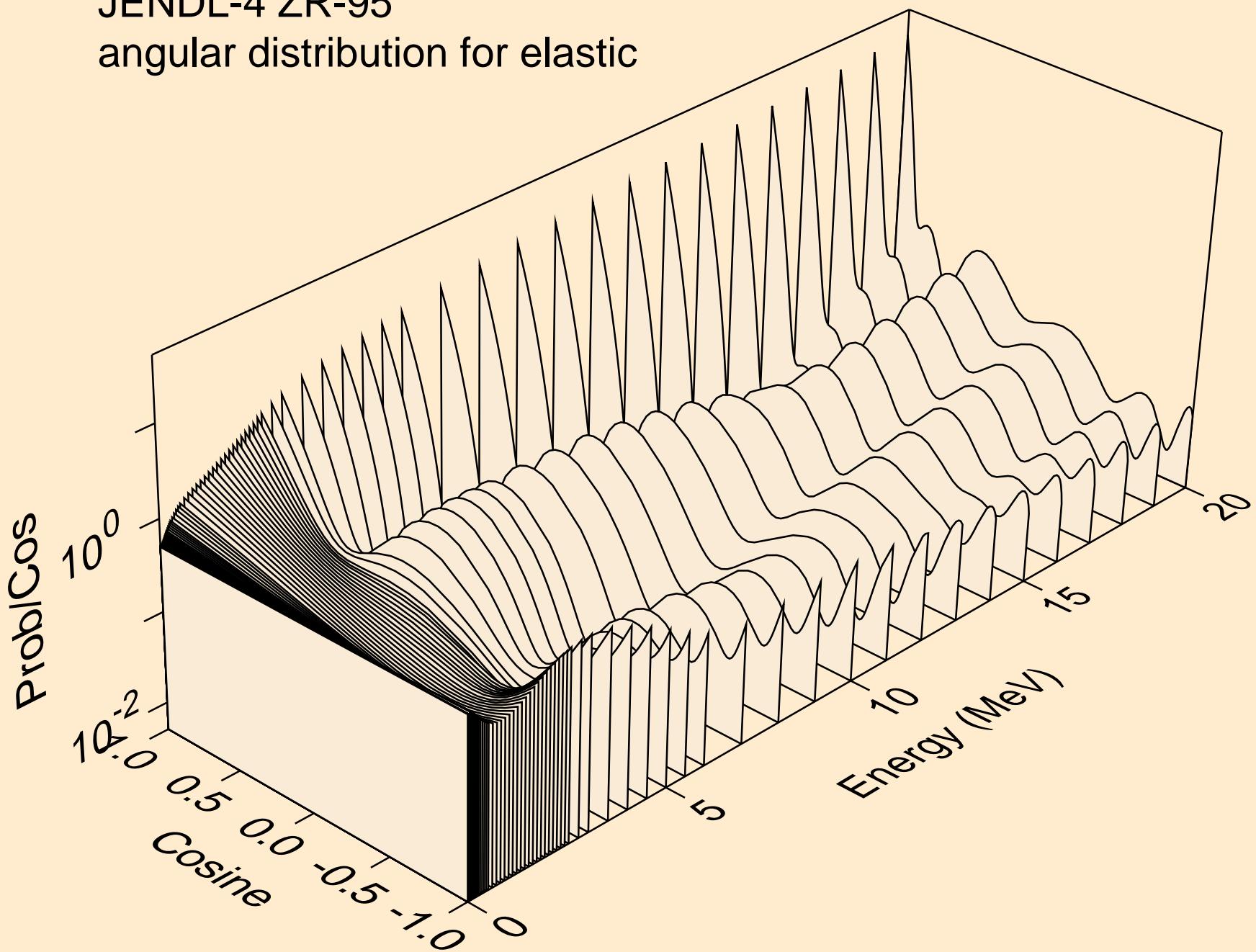


# JENDL-4 ZR-95

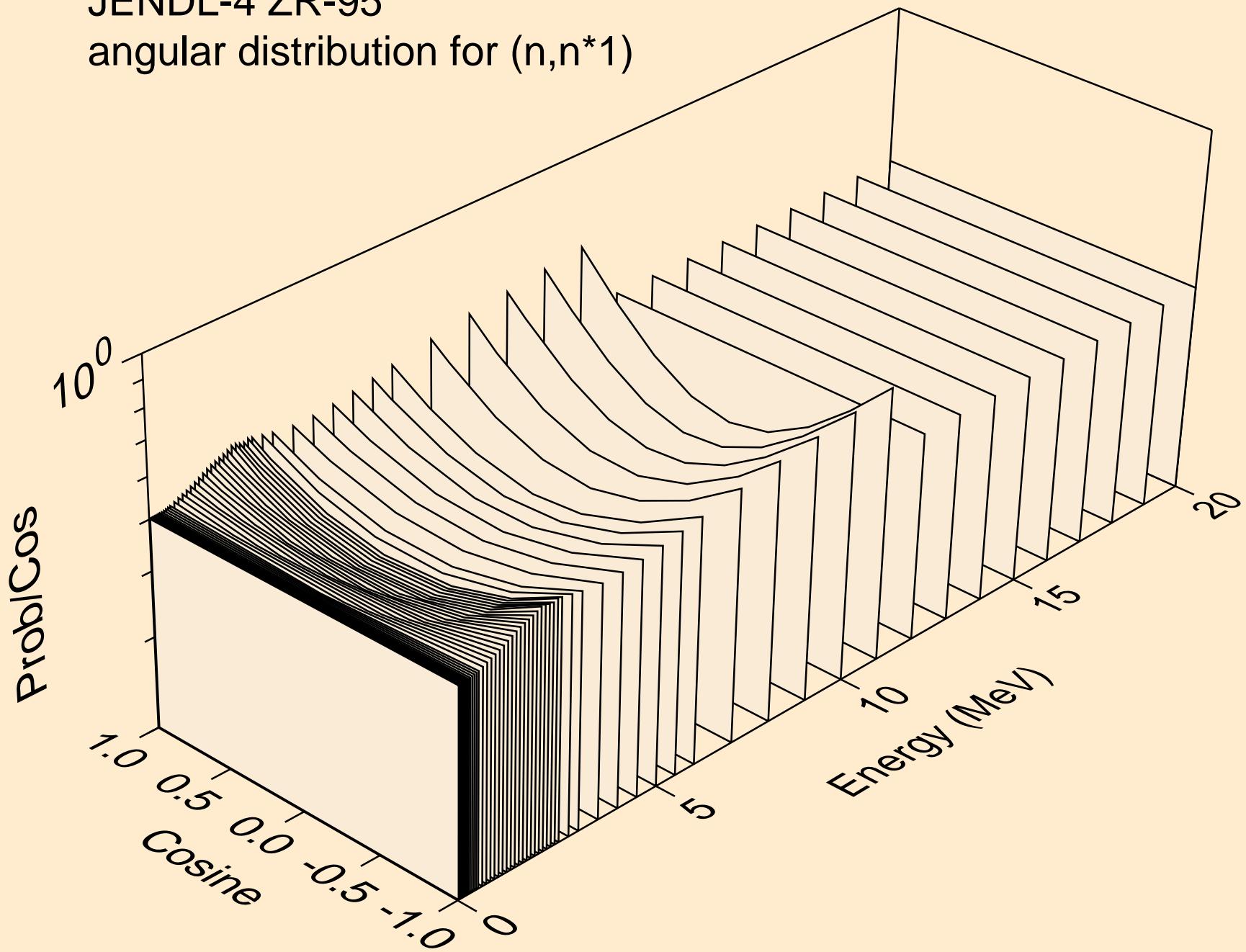
## Threshold reactions



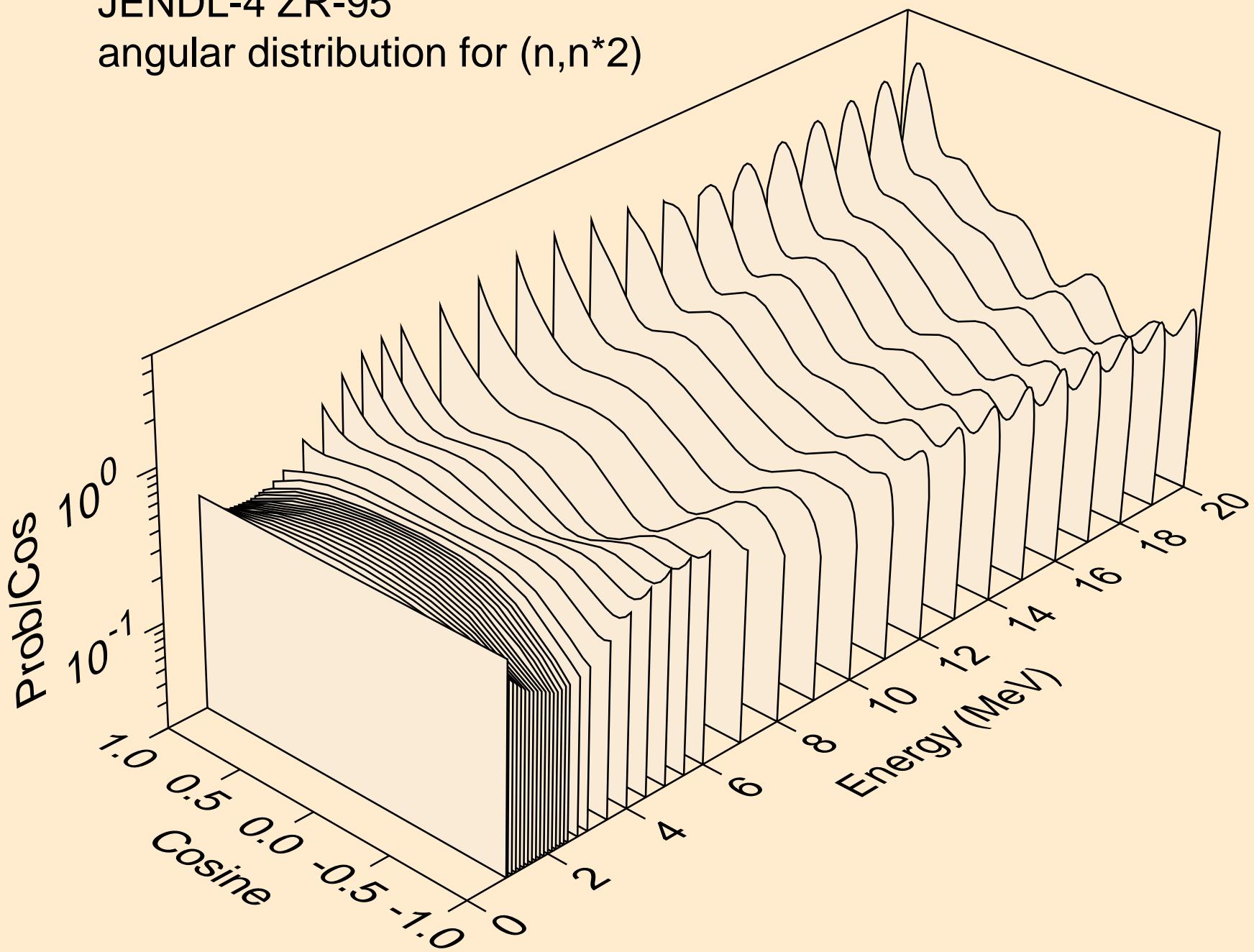
JENDL-4 ZR-95  
angular distribution for elastic



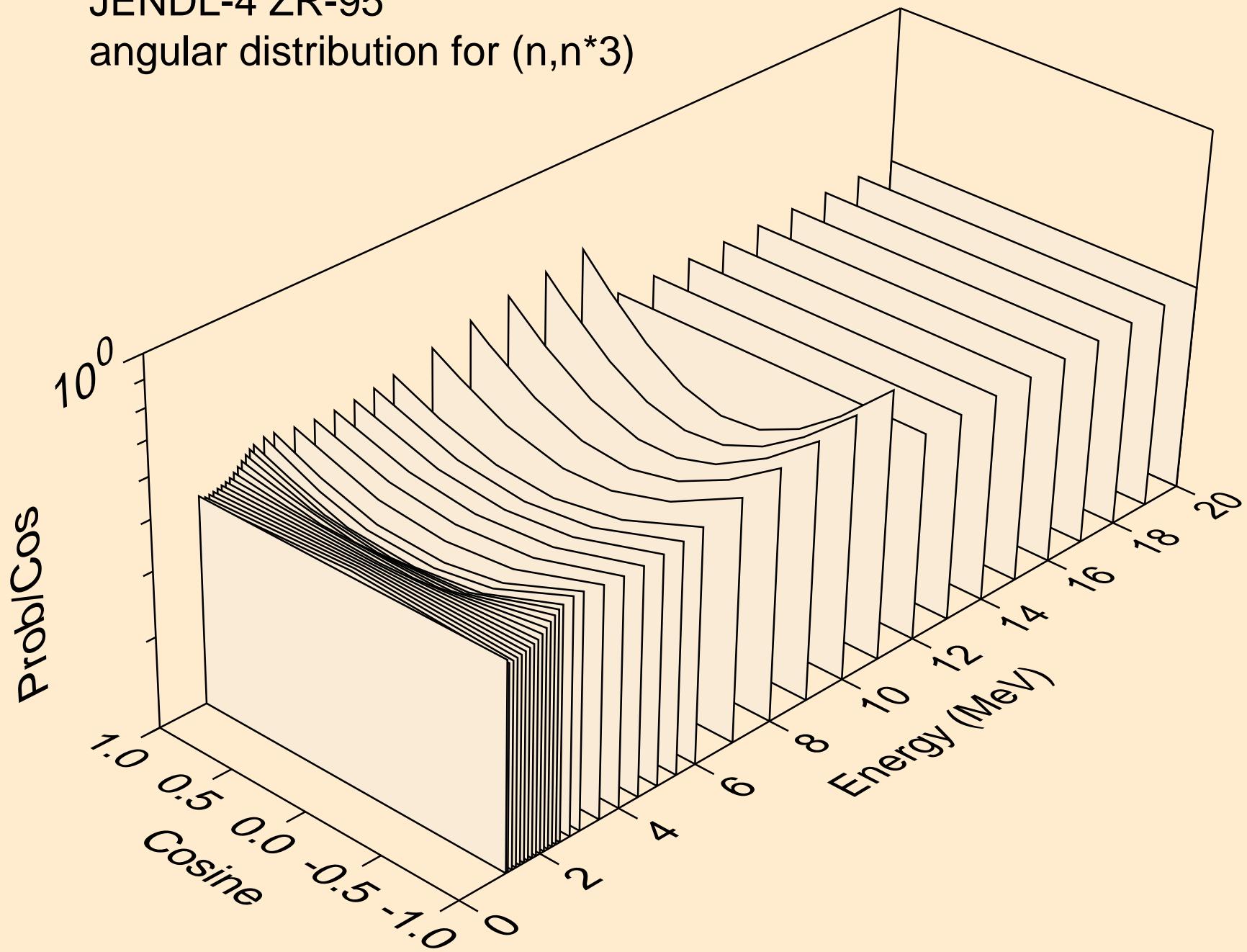
JENDL-4 ZR-95  
angular distribution for (n,n\*1)



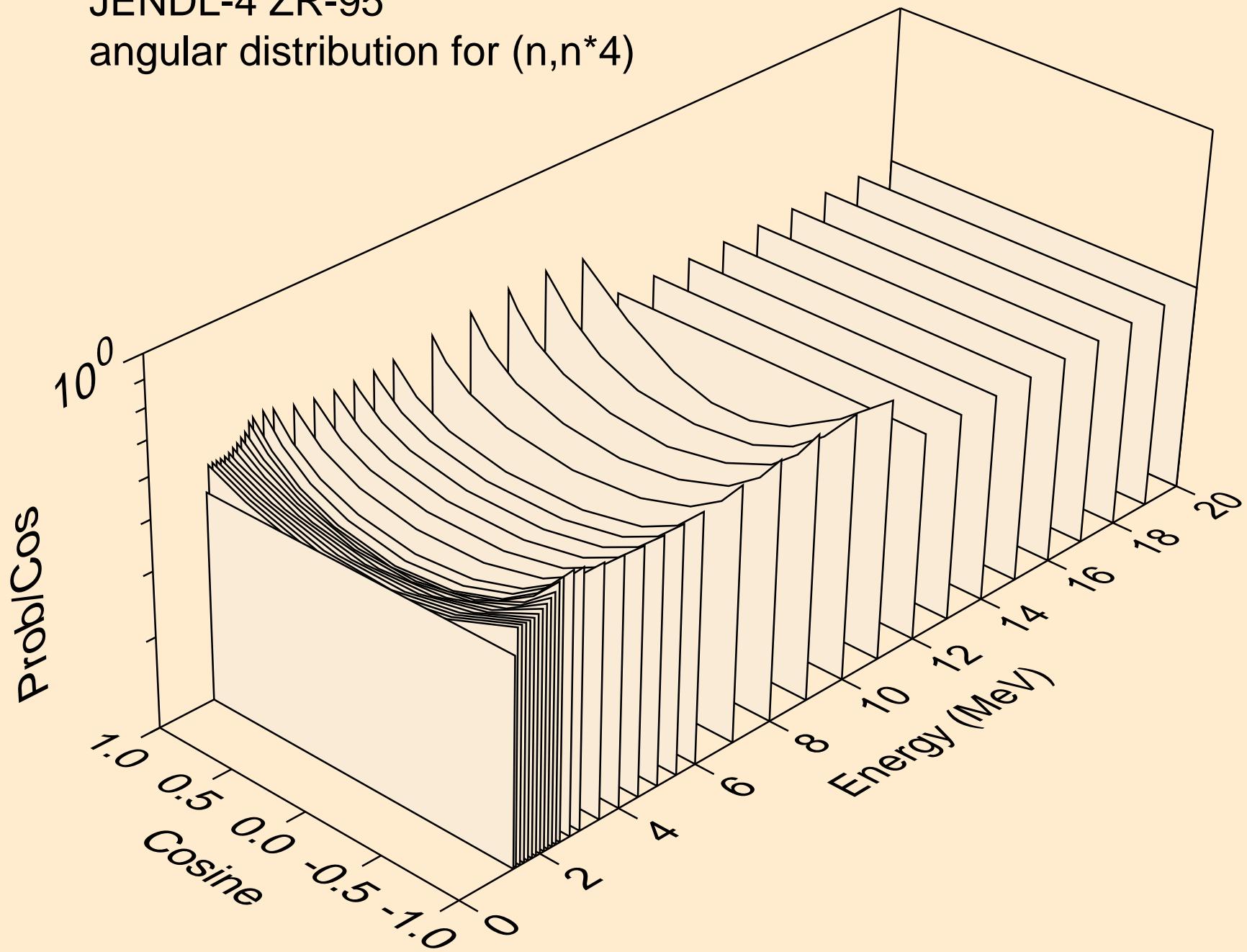
JENDL-4 ZR-95  
angular distribution for  $(n,n^*)^2$



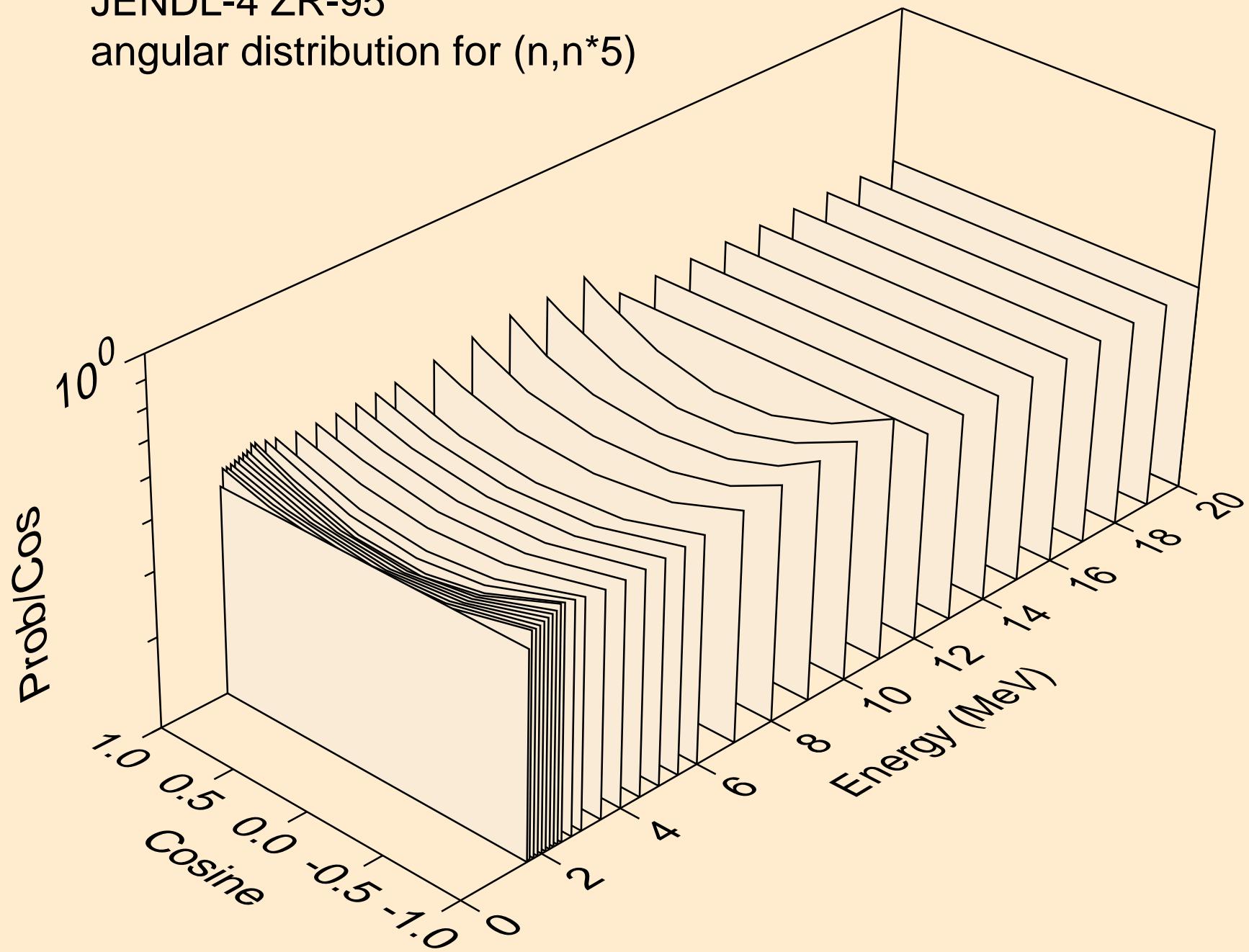
JENDL-4 ZR-95  
angular distribution for  $(n,n^*3)$



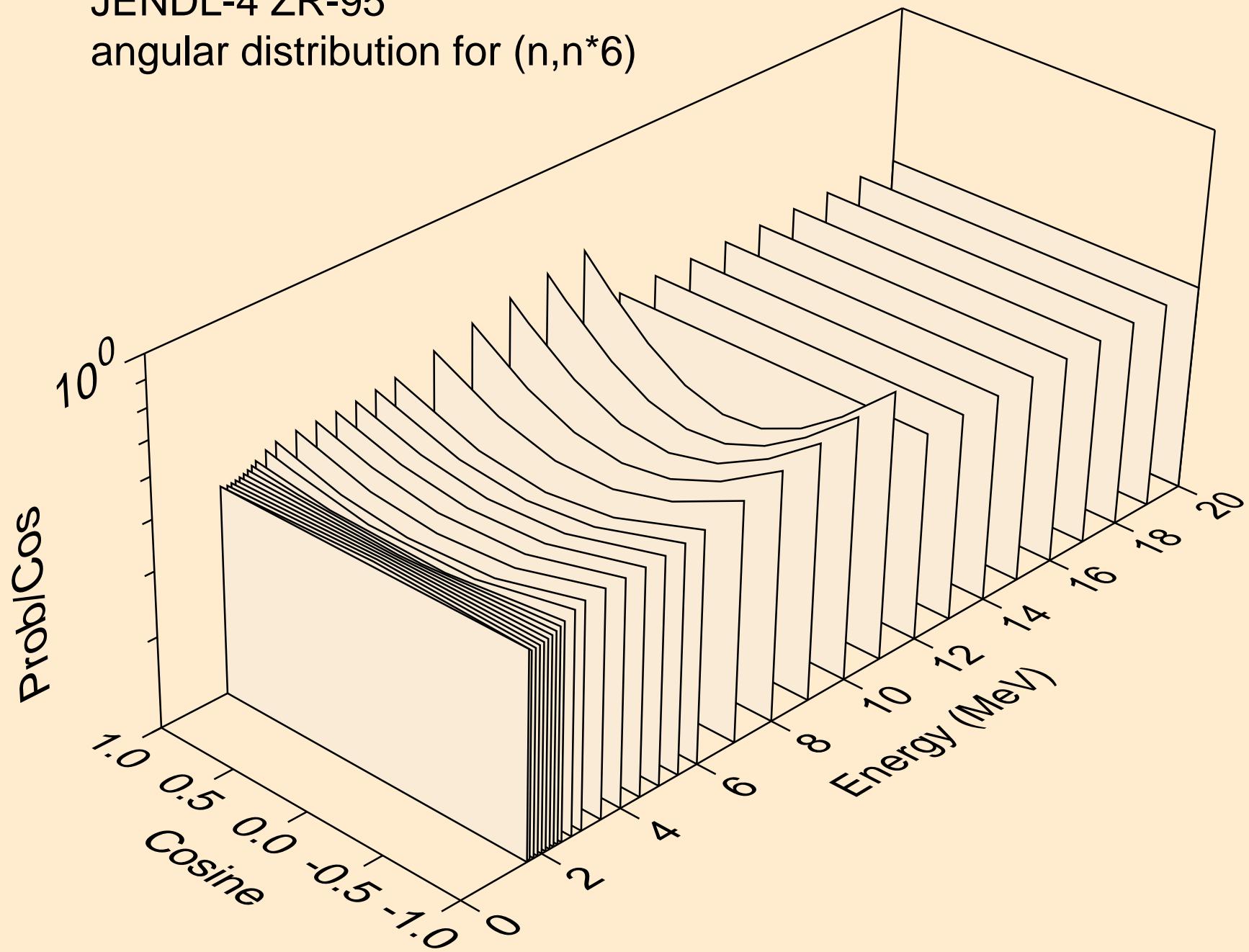
JENDL-4 ZR-95  
angular distribution for  $(n,n^*4)$



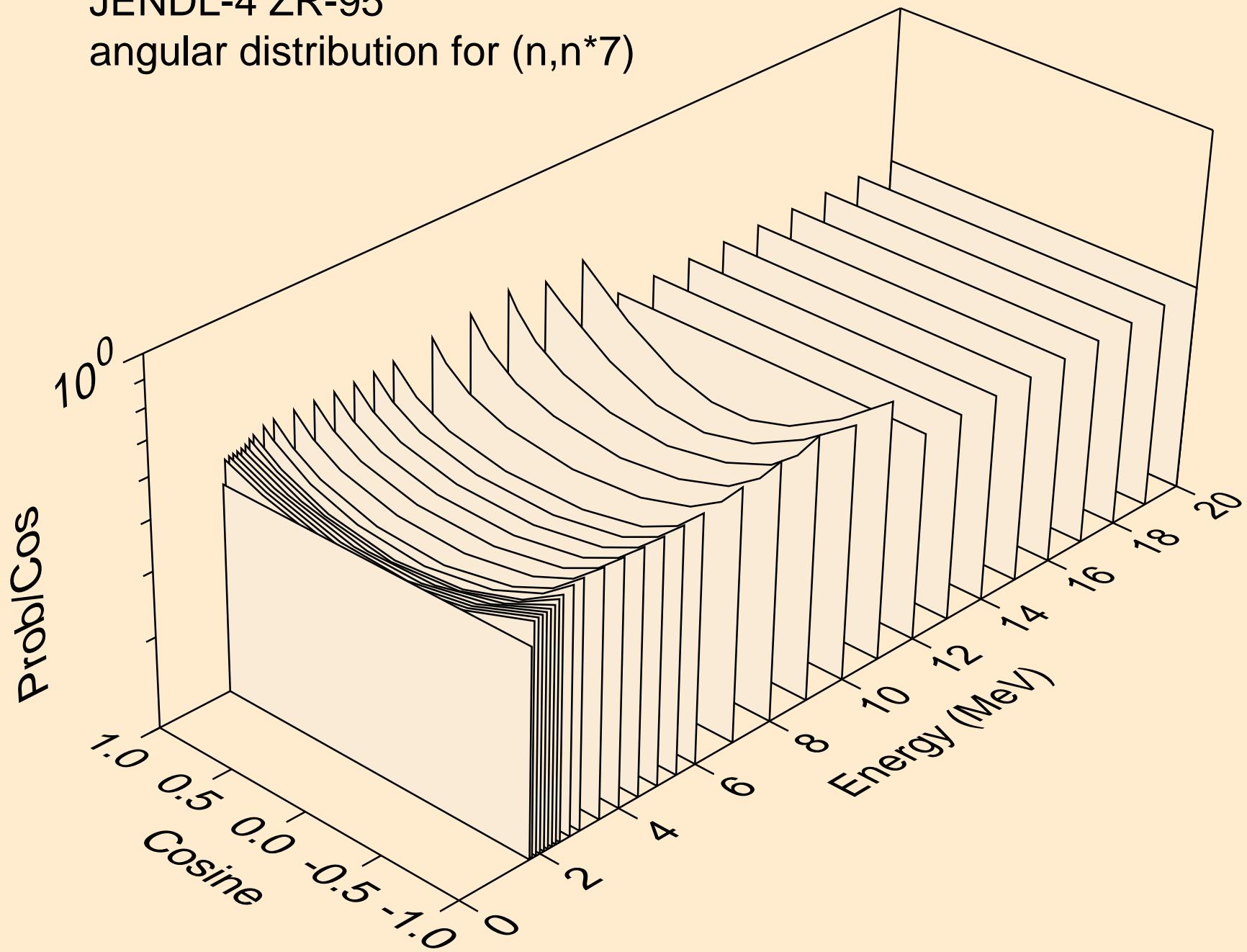
JENDL-4 ZR-95  
angular distribution for  $(n,n^*)^5$



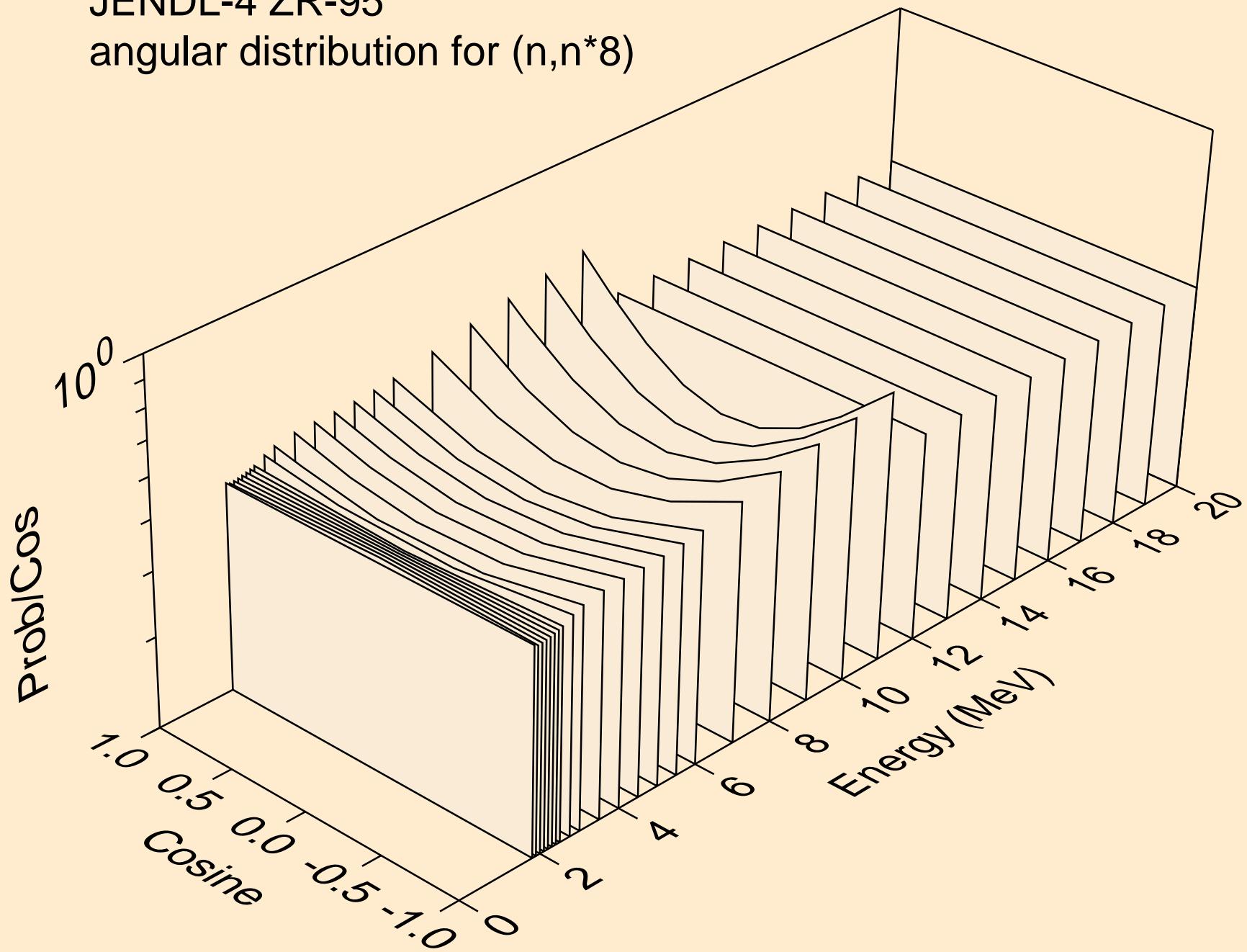
JENDL-4 ZR-95  
angular distribution for  $(n,n^*6)$



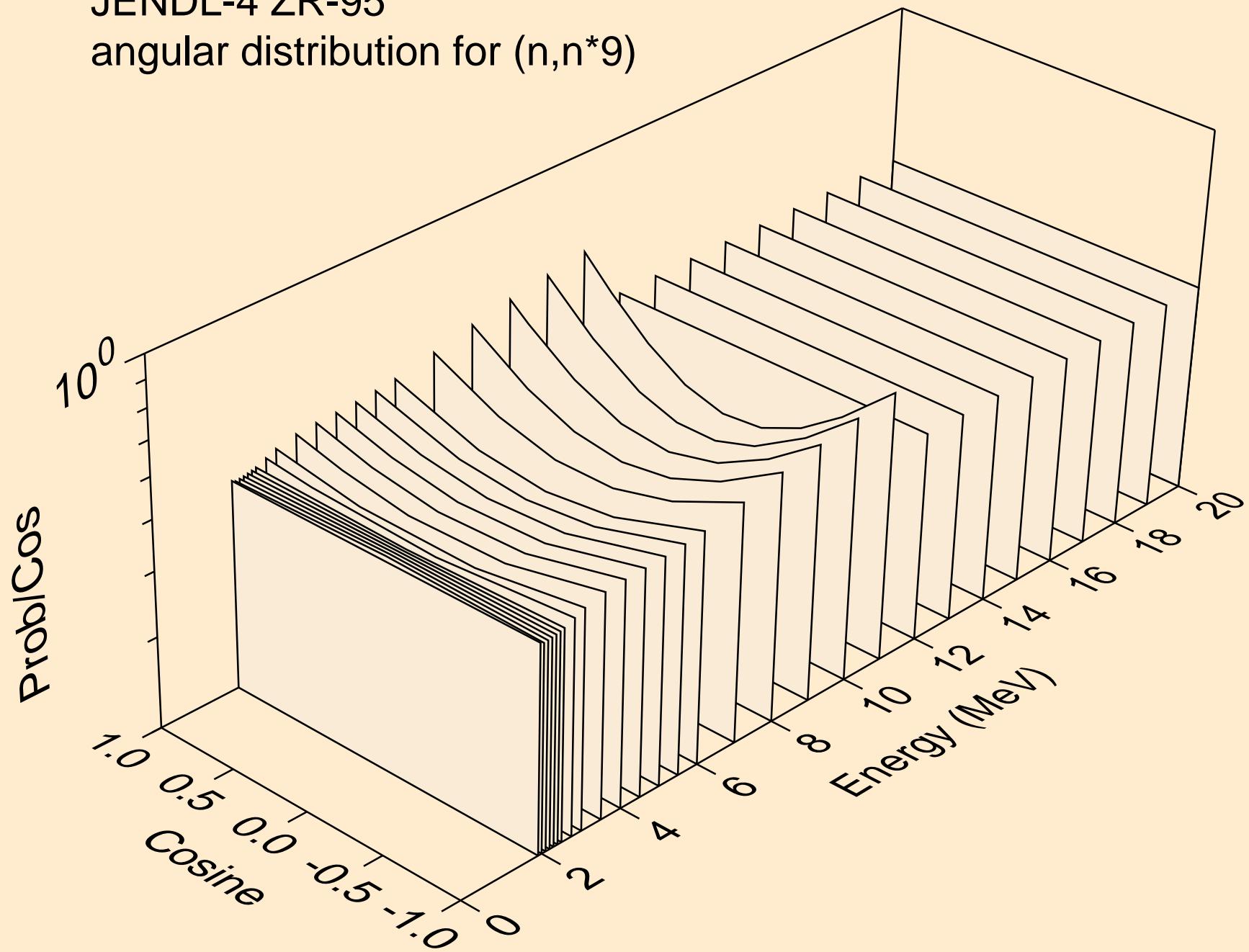
JENDL-4 ZR-95  
angular distribution for  $(n,n^*7)$



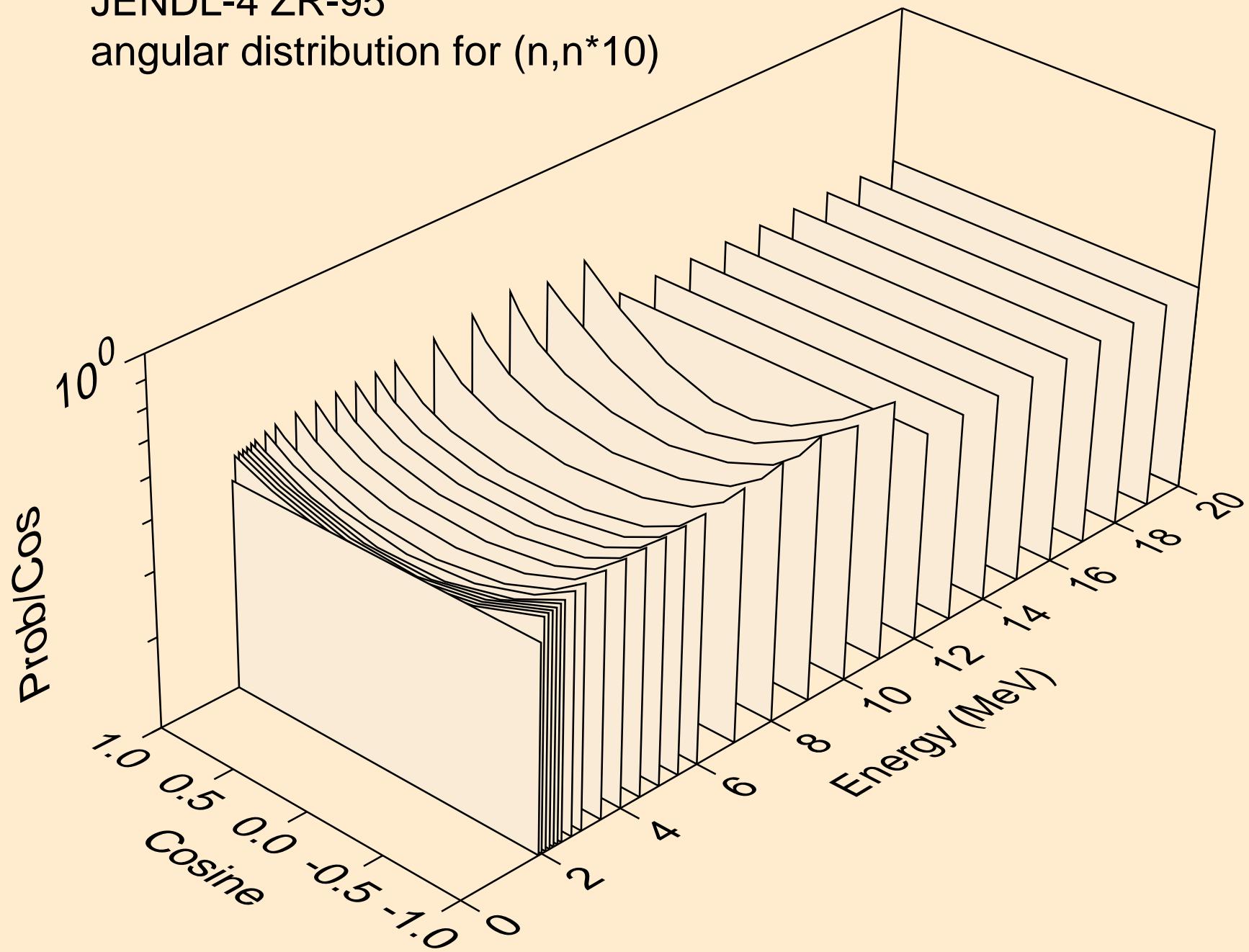
JENDL-4 ZR-95  
angular distribution for  $(n,n^*8)$



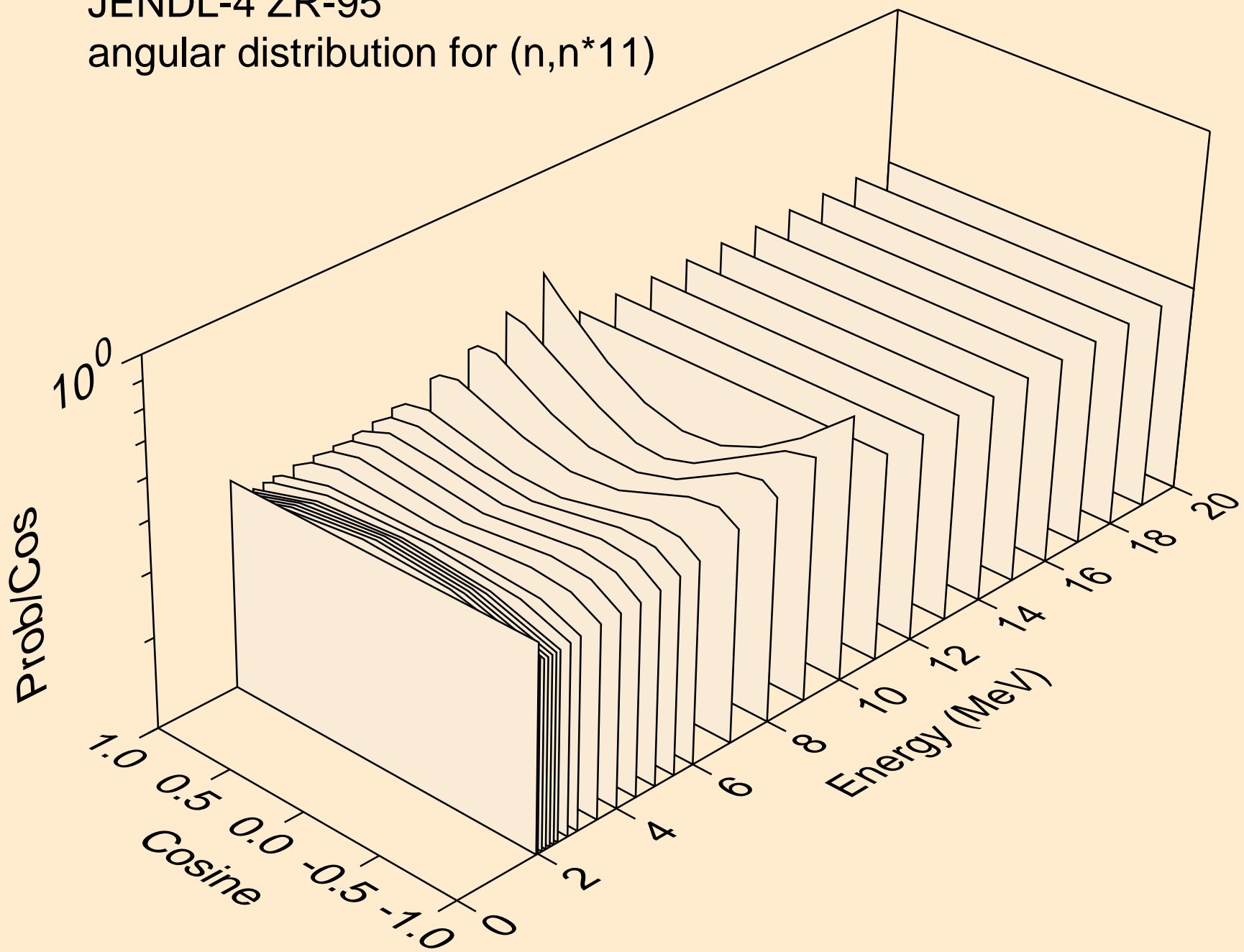
JENDL-4 ZR-95  
angular distribution for  $(n,n^*9)$



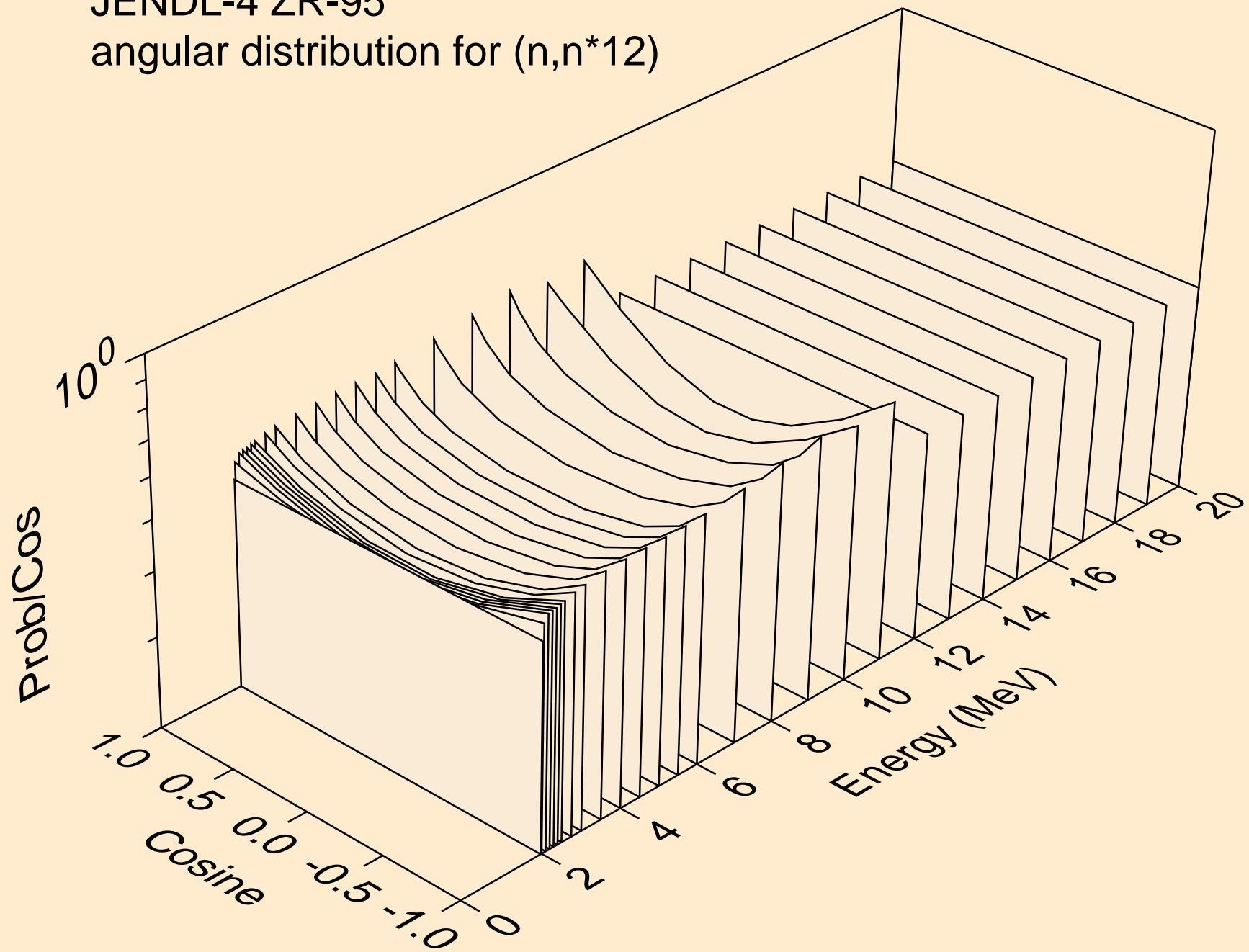
JENDL-4 ZR-95  
angular distribution for (n,n\*10)



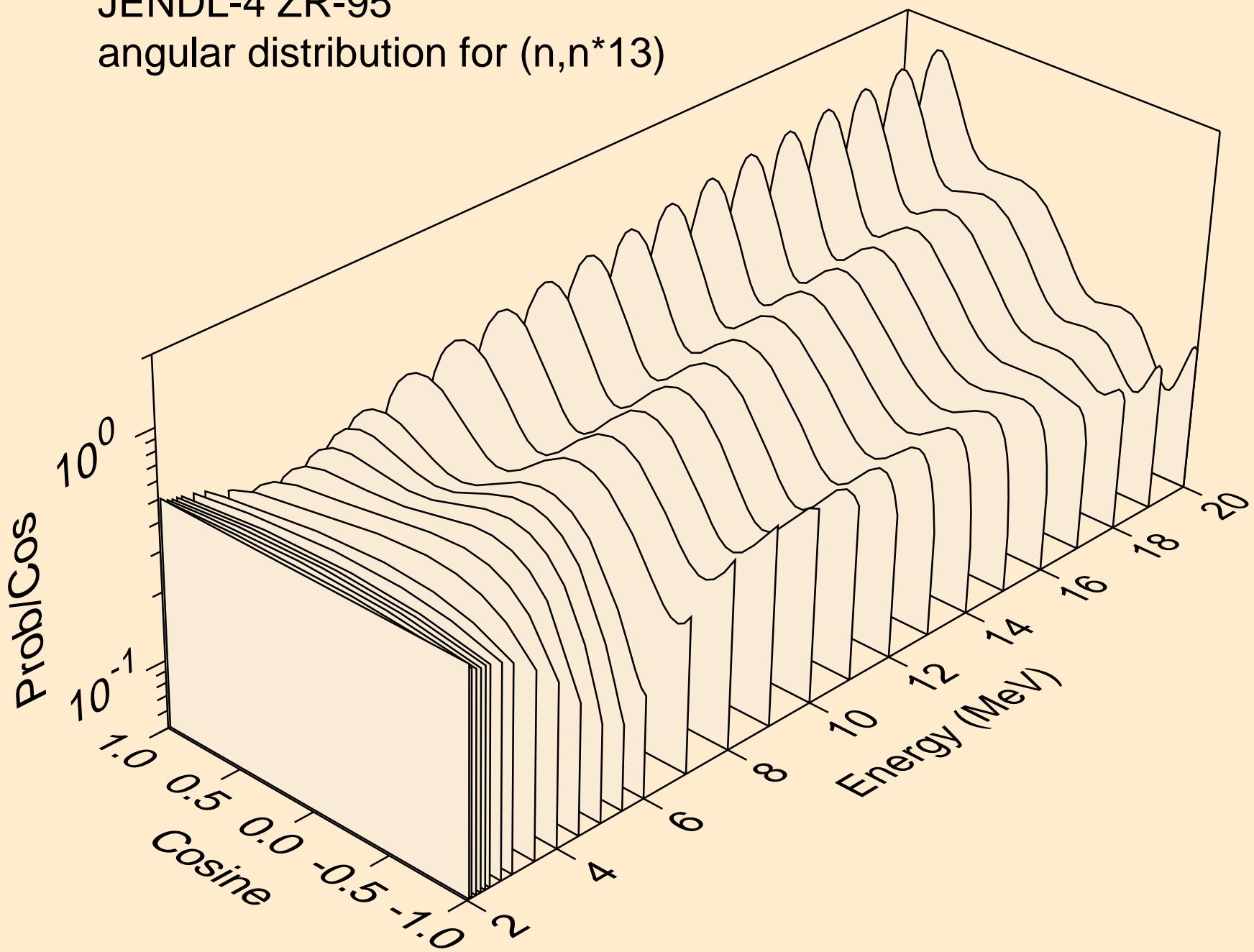
JENDL-4 ZR-95  
angular distribution for (n,n\*11)



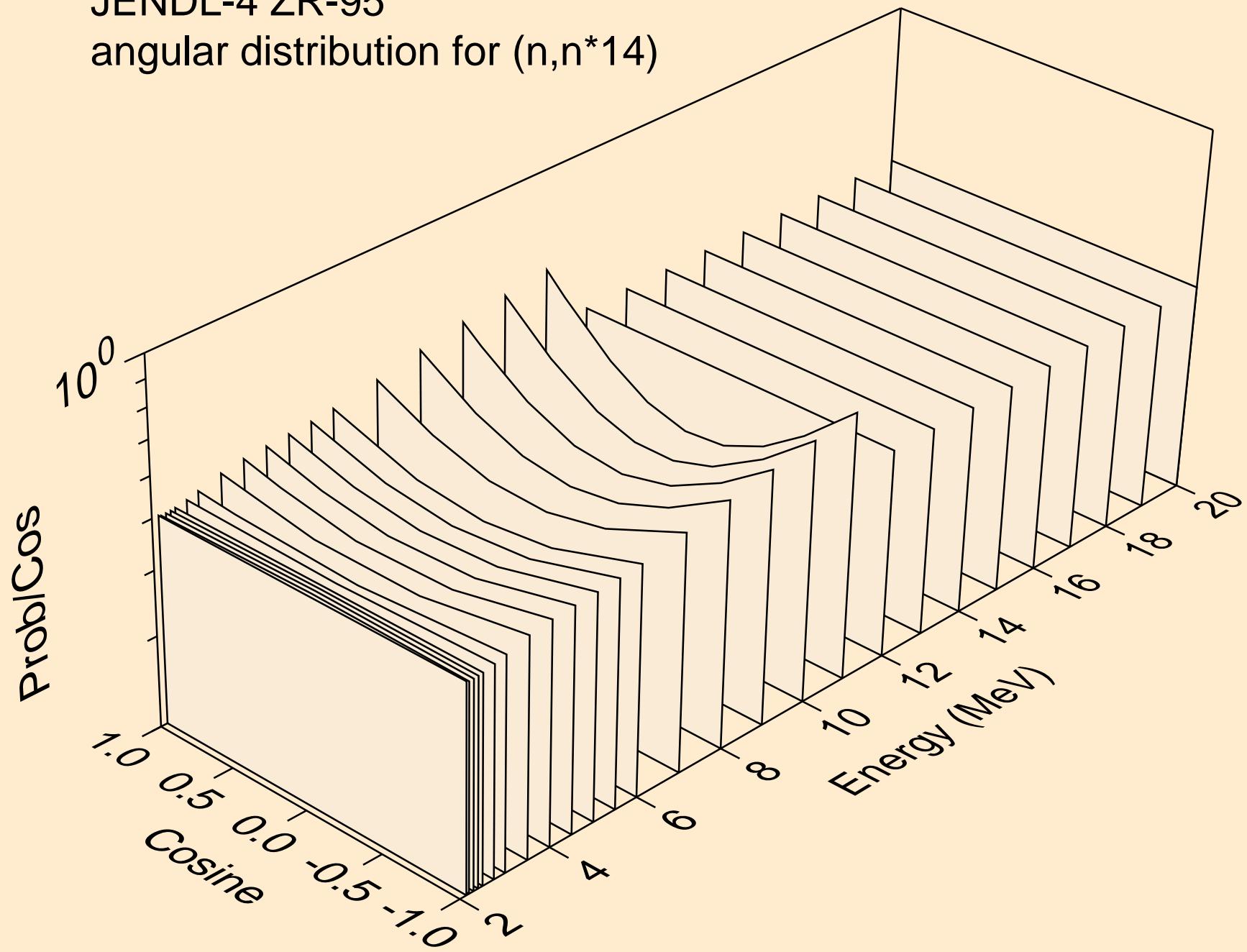
JENDL-4 ZR-95  
angular distribution for  $(n,n^*12)$



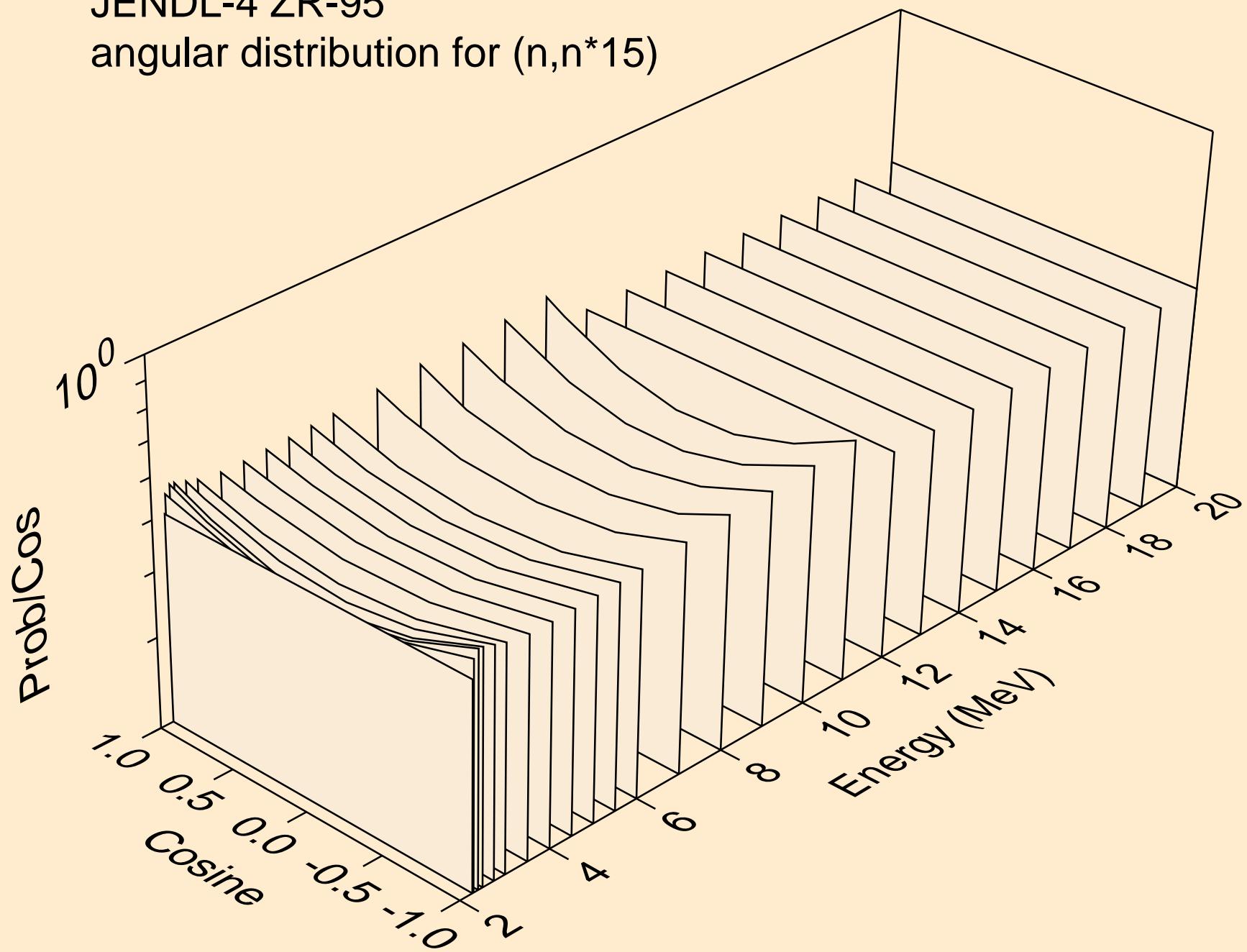
JENDL-4 ZR-95  
angular distribution for  $(n,n^*13)$



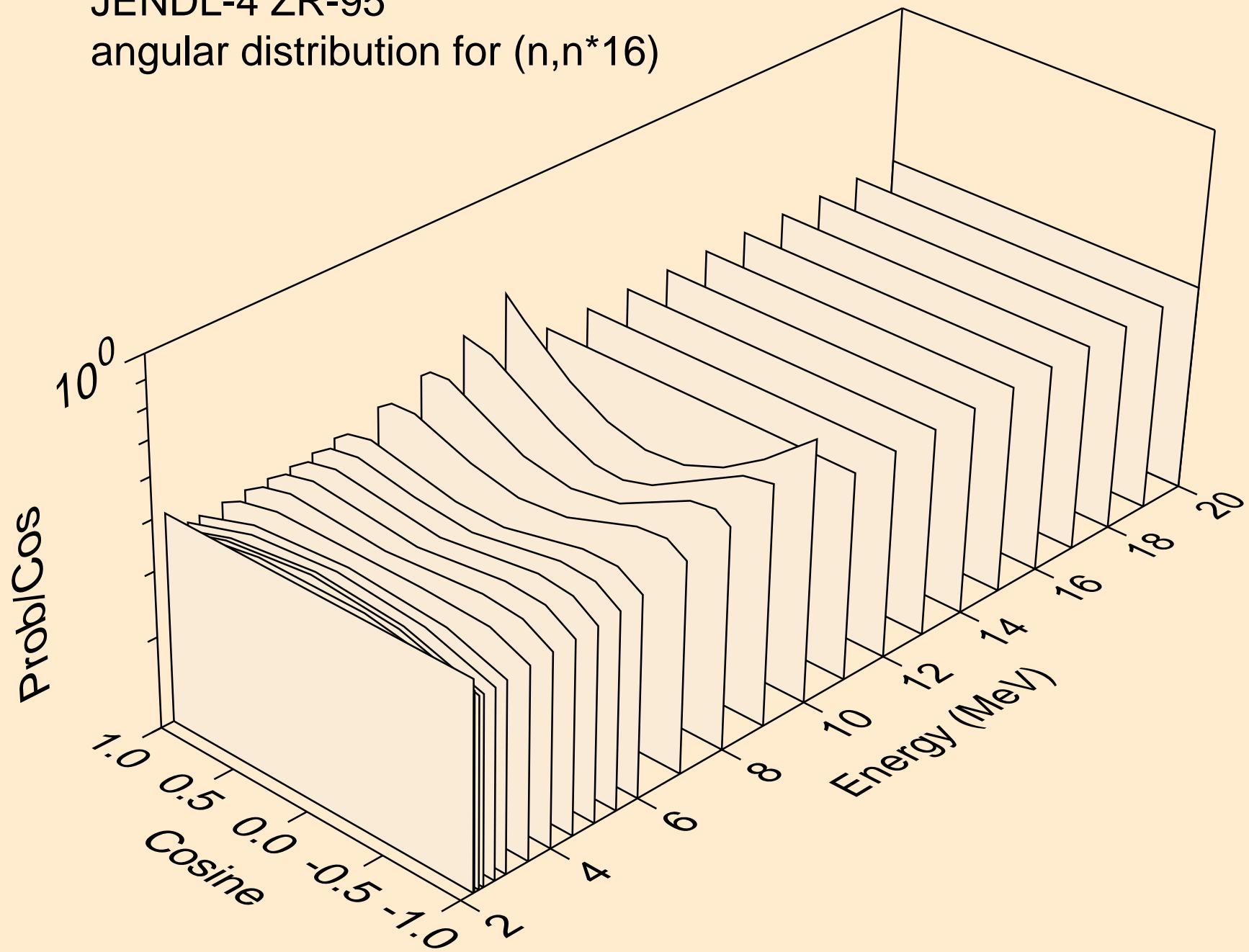
JENDL-4 ZR-95  
angular distribution for (n,n\*14)



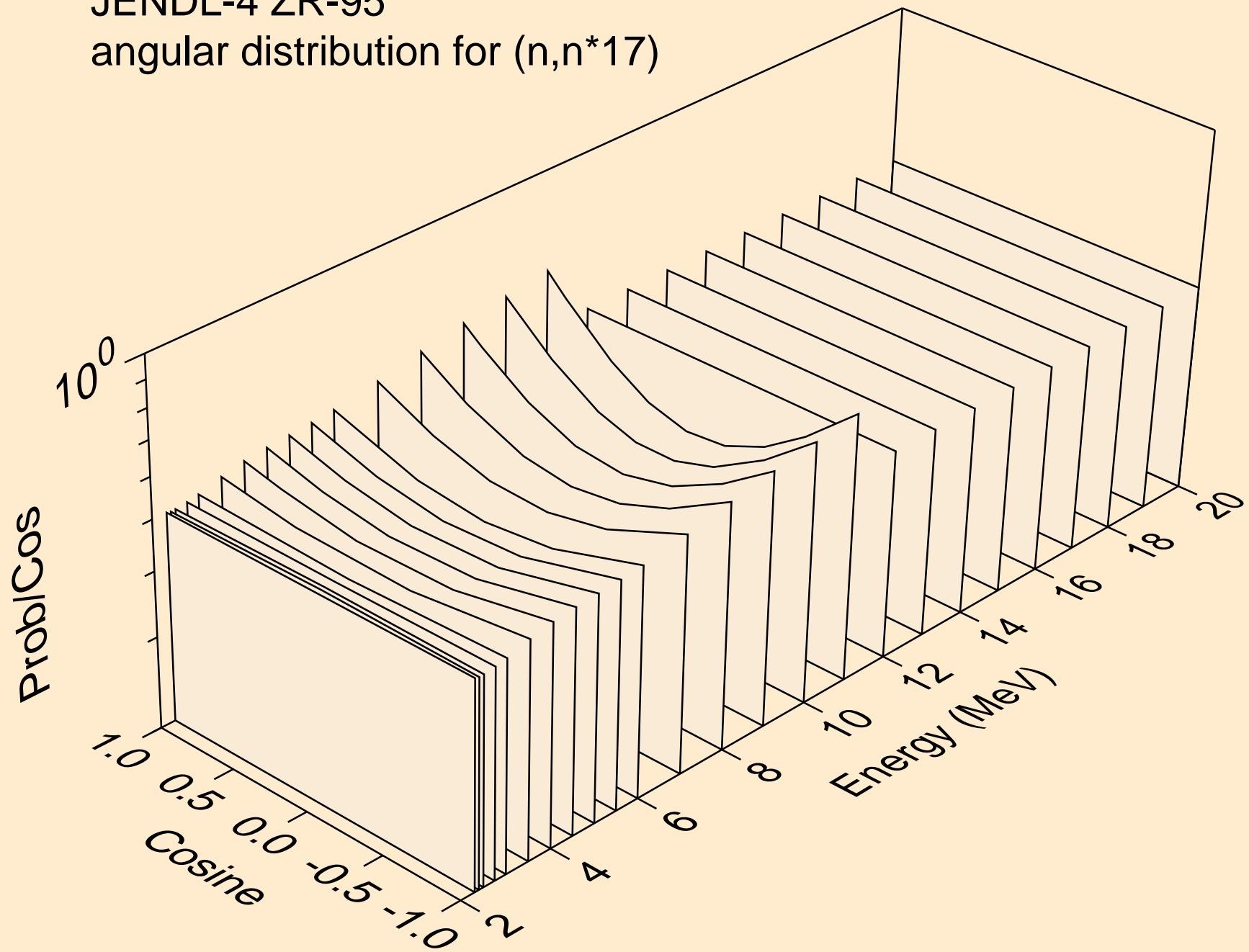
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angular distribution for  $(n,n^*15)$



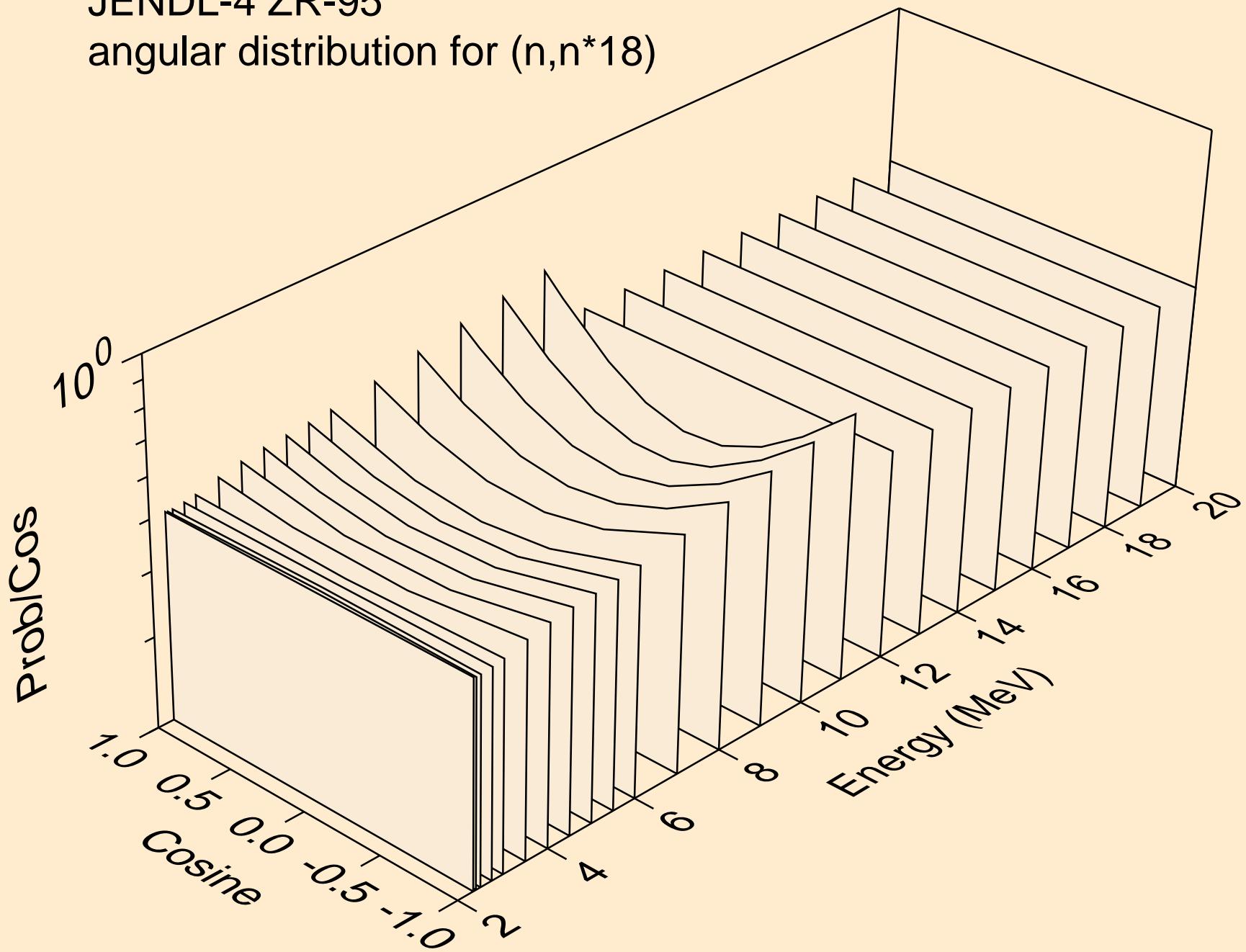
JENDL-4 ZR-95  
angular distribution for (n,n\*16)



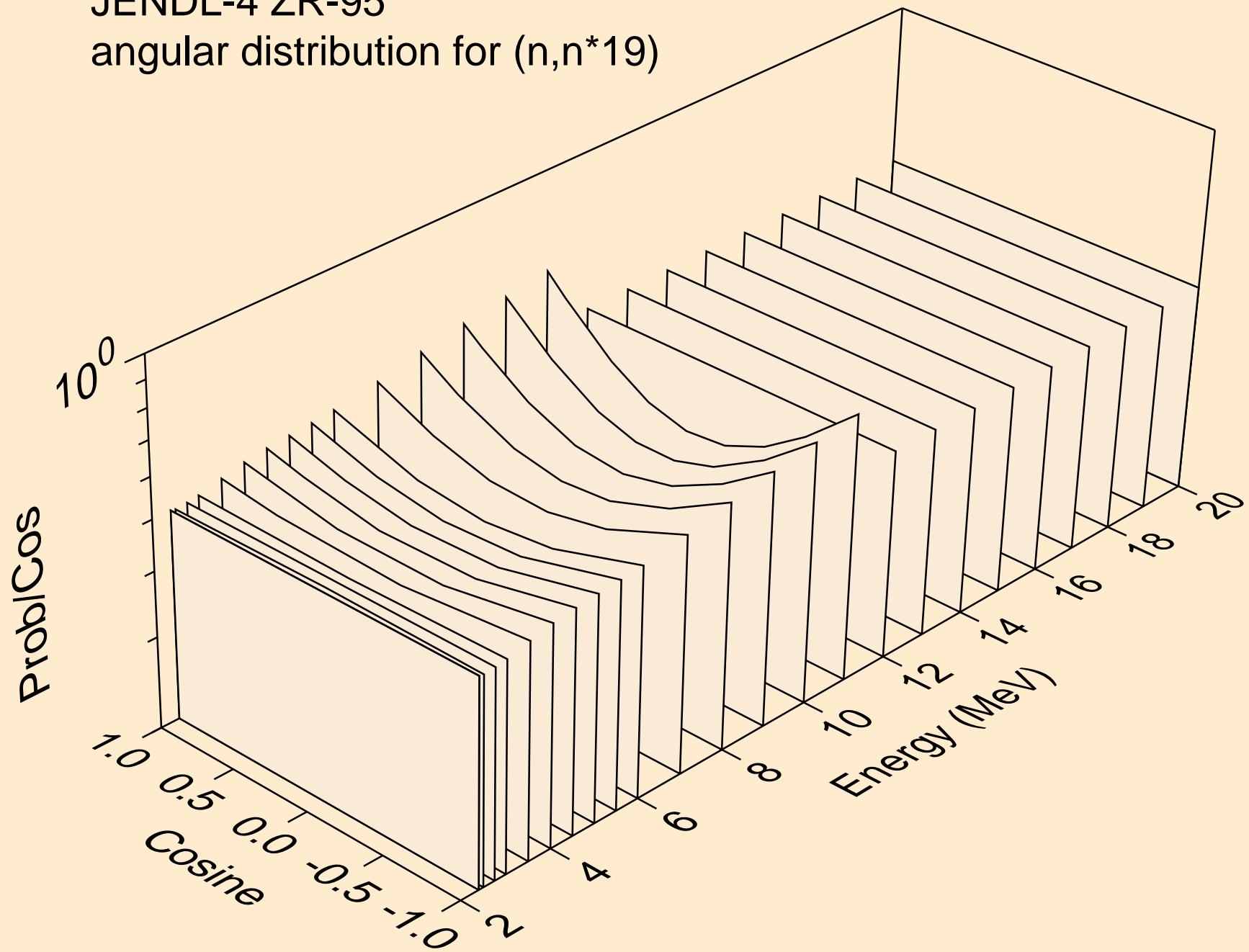
JENDL-4 ZR-95  
angular distribution for  $(n,n^*17)$



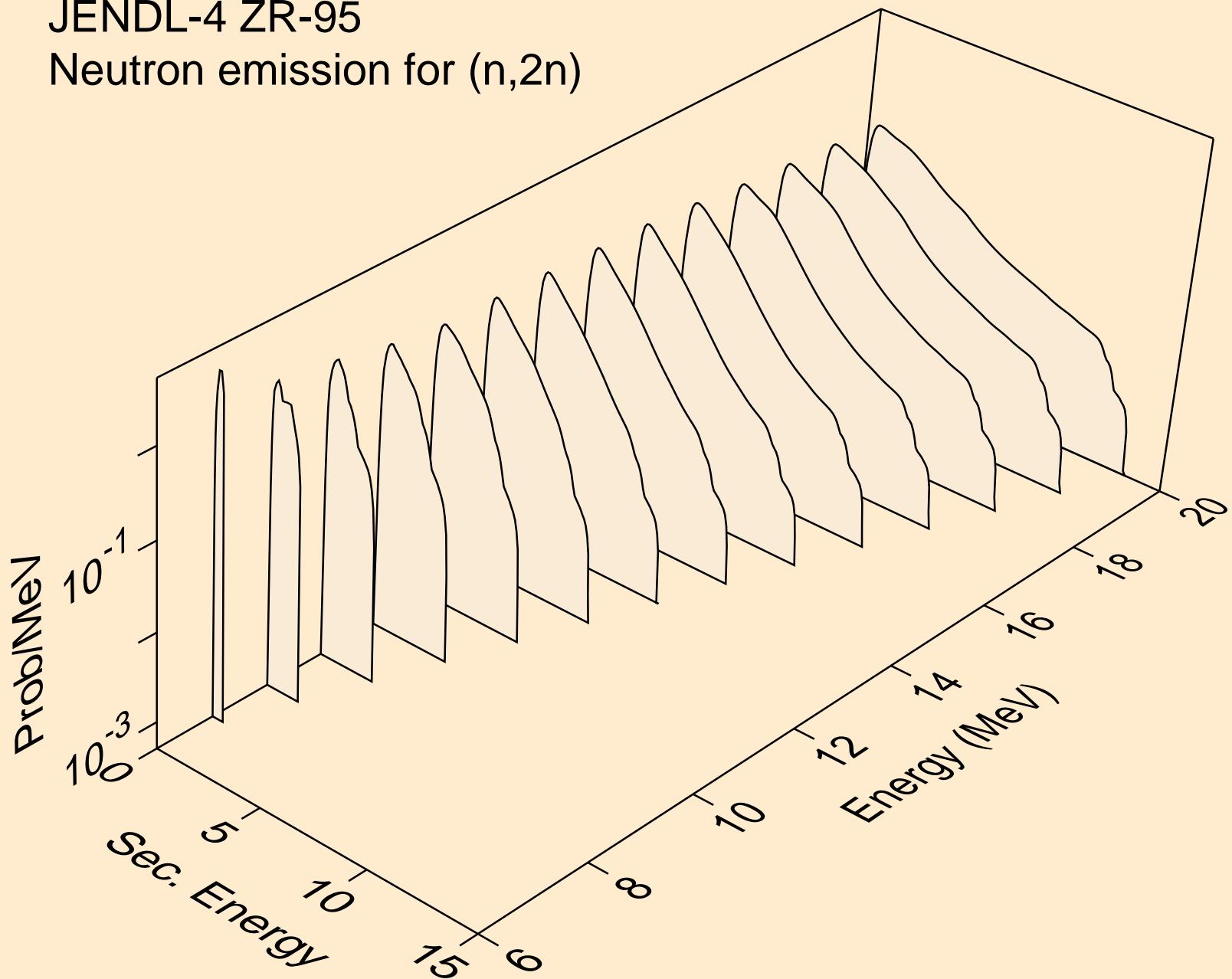
JENDL-4 ZR-95  
angular distribution for (n,n\*18)



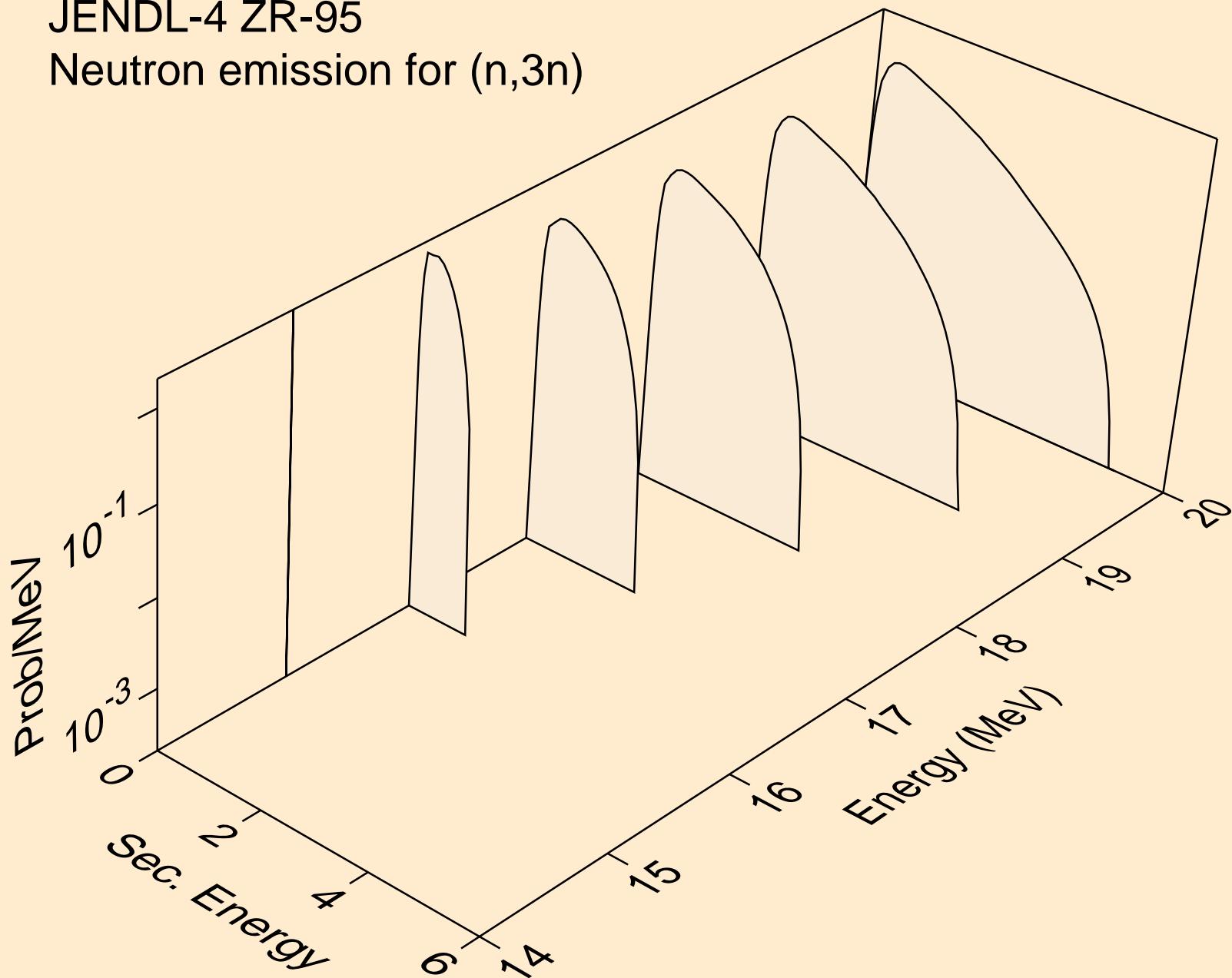
JENDL-4 ZR-95  
angular distribution for  $(n,n^*19)$



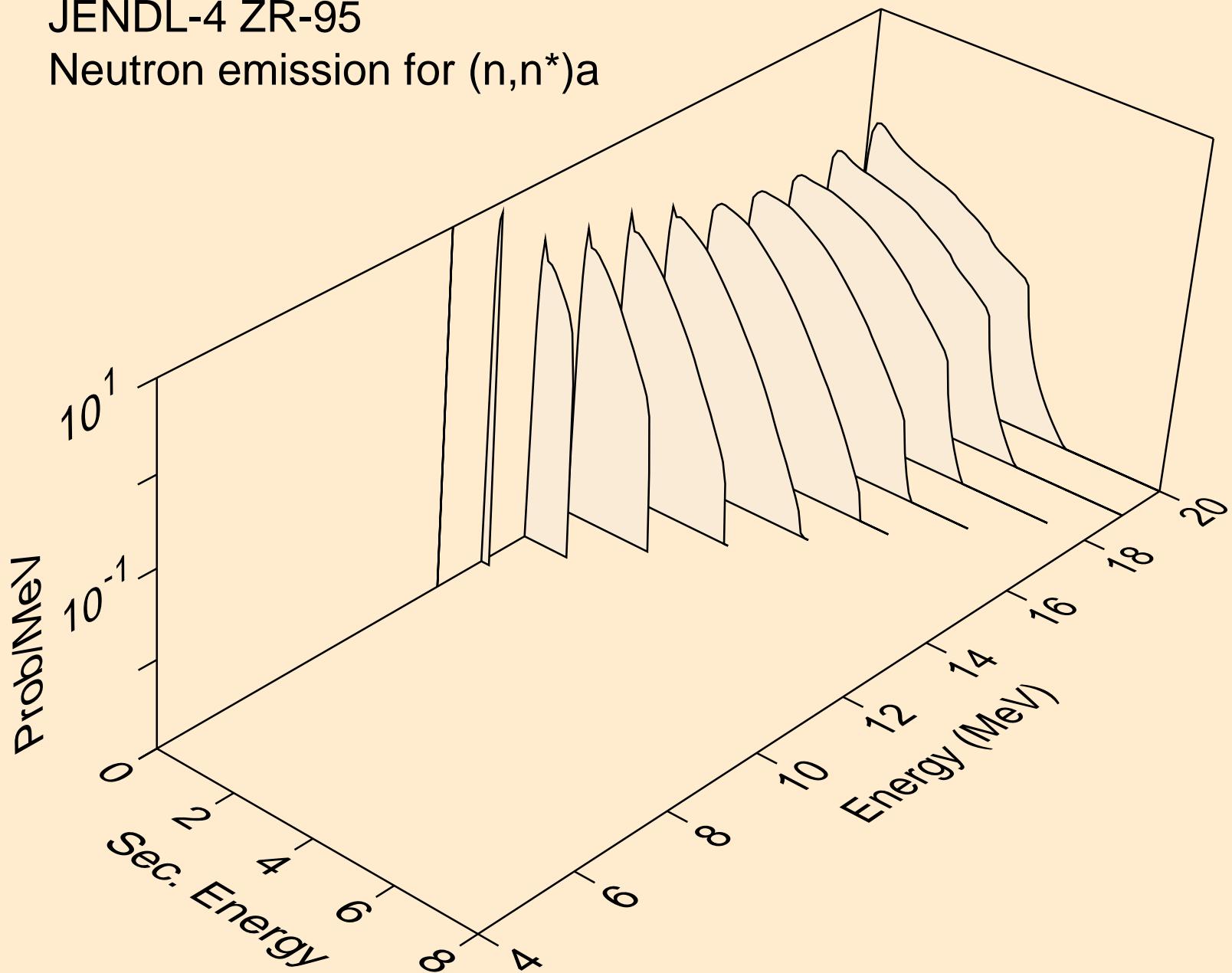
JENDL-4 ZR-95  
Neutron emission for  $(n,2n)$



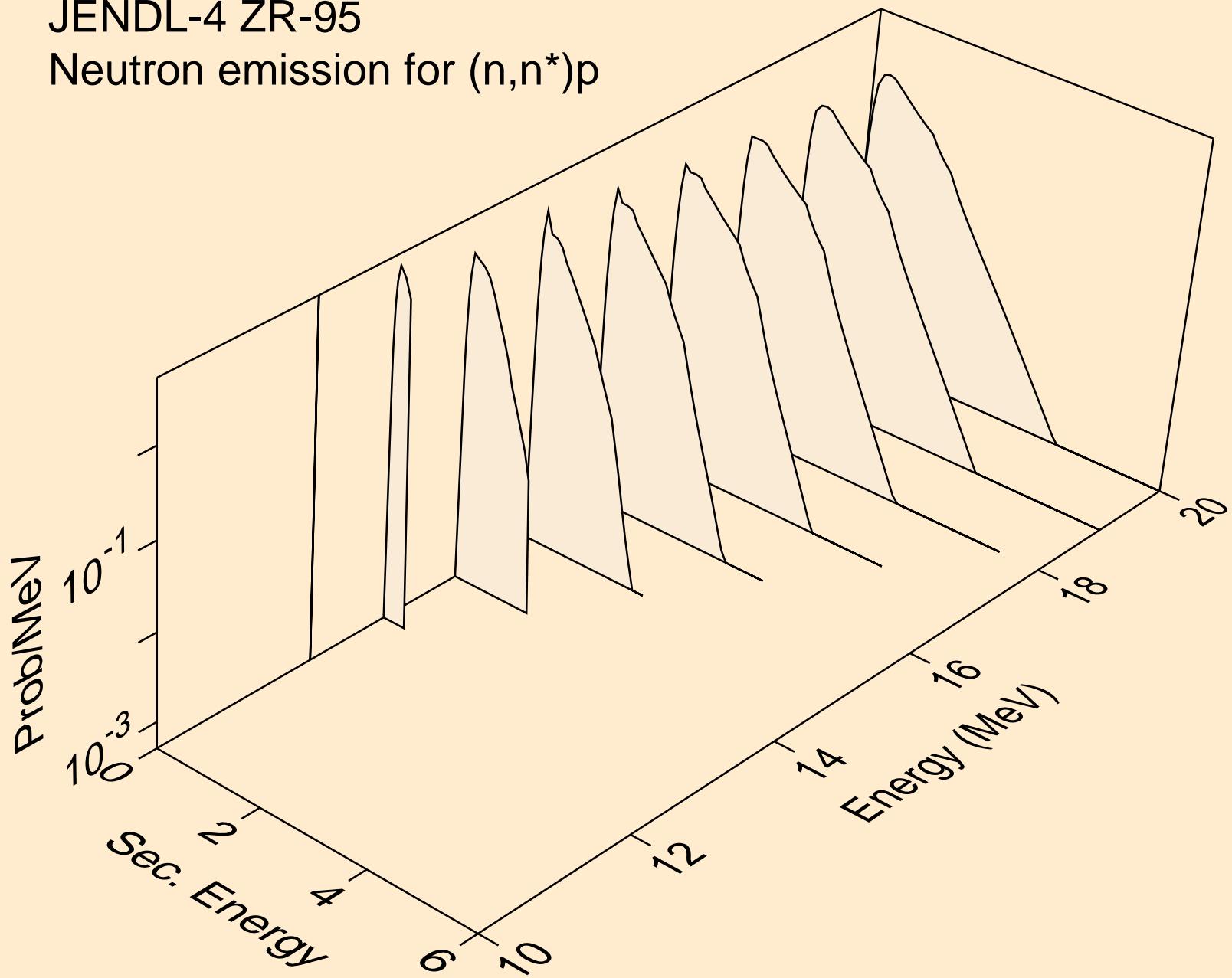
JENDL-4 ZR-95  
Neutron emission for  $(n,3n)$



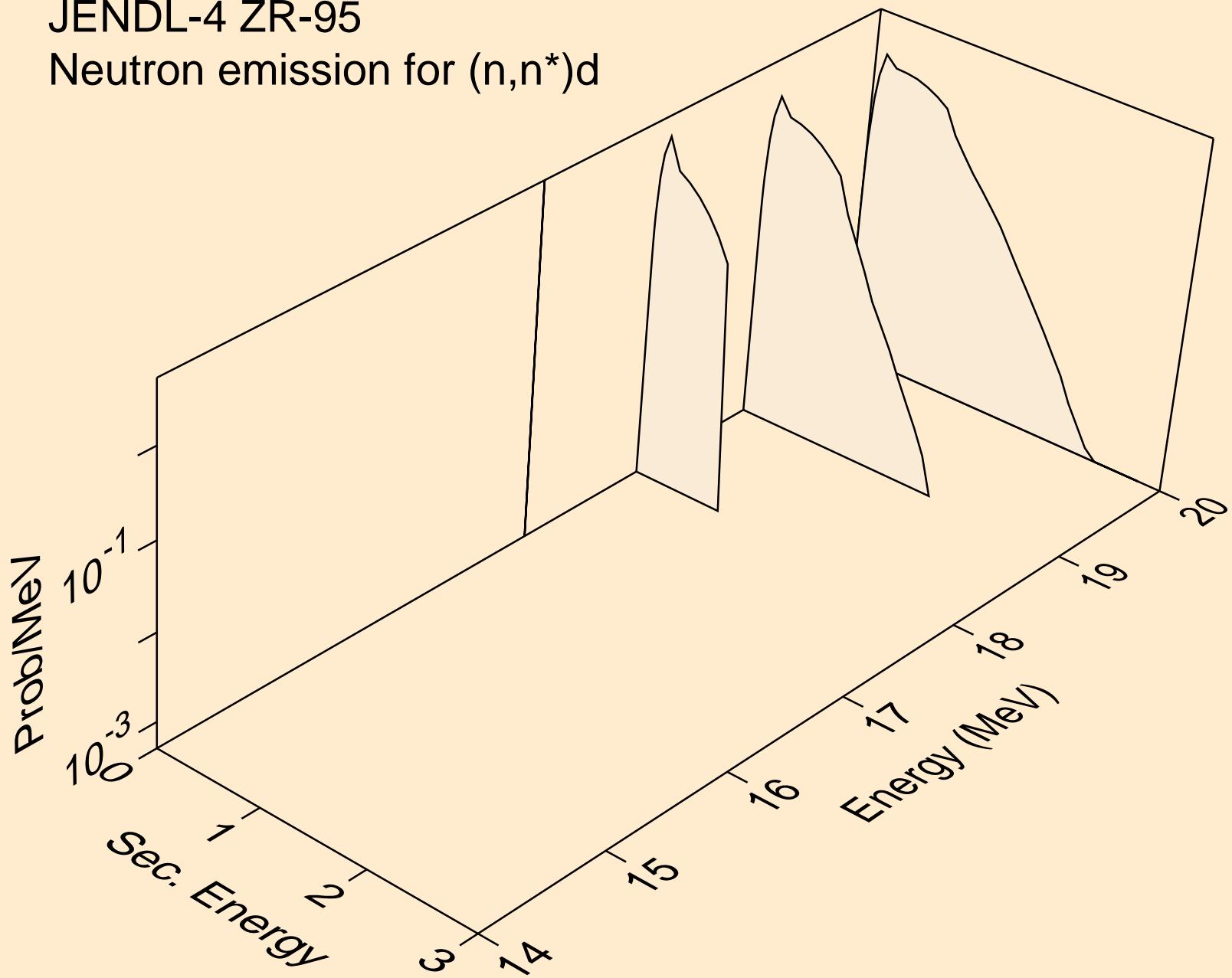
JENDL-4 ZR-95  
Neutron emission for  $(n,n^*)a$



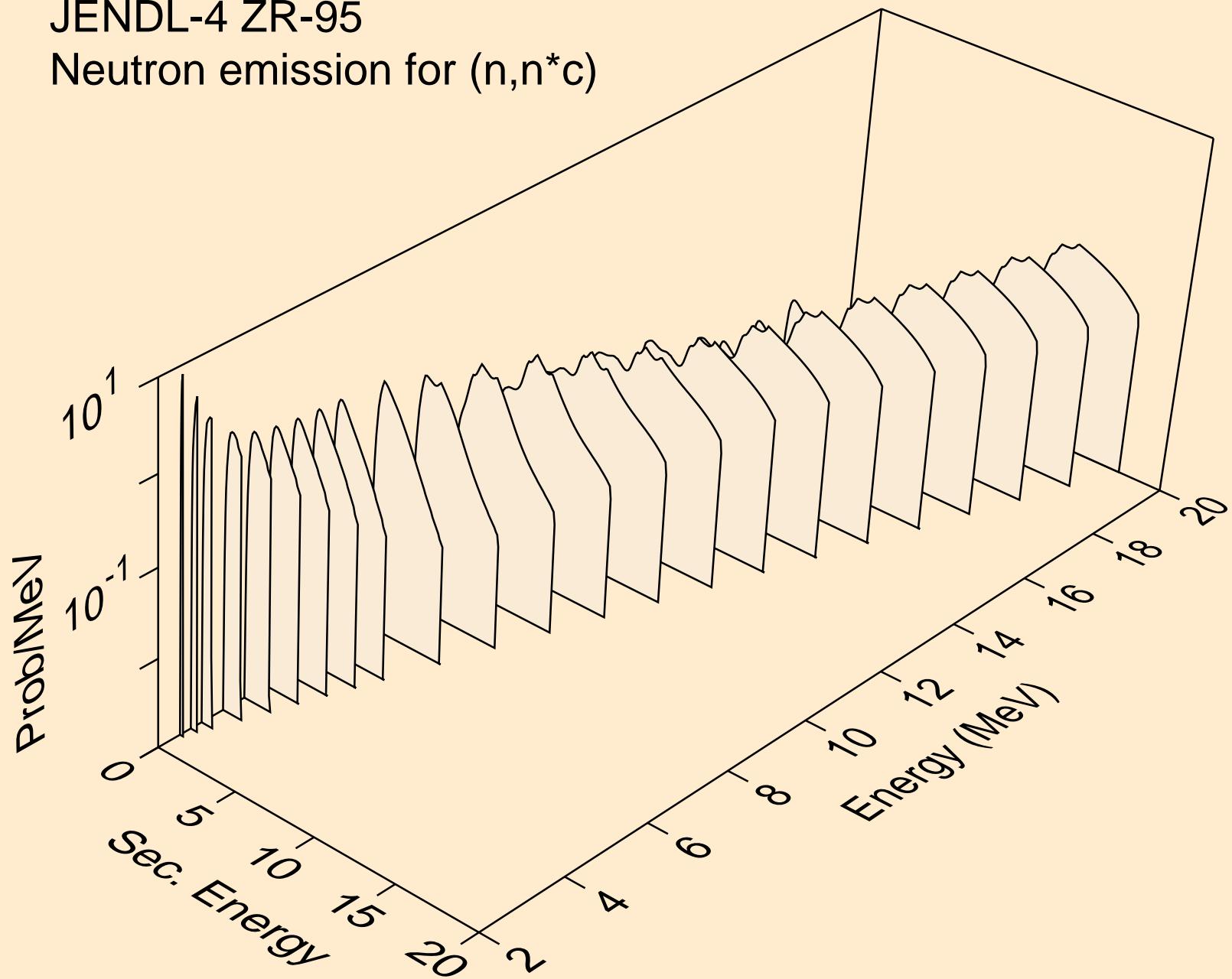
JENDL-4 ZR-95  
Neutron emission for  $(n,n^*)p$



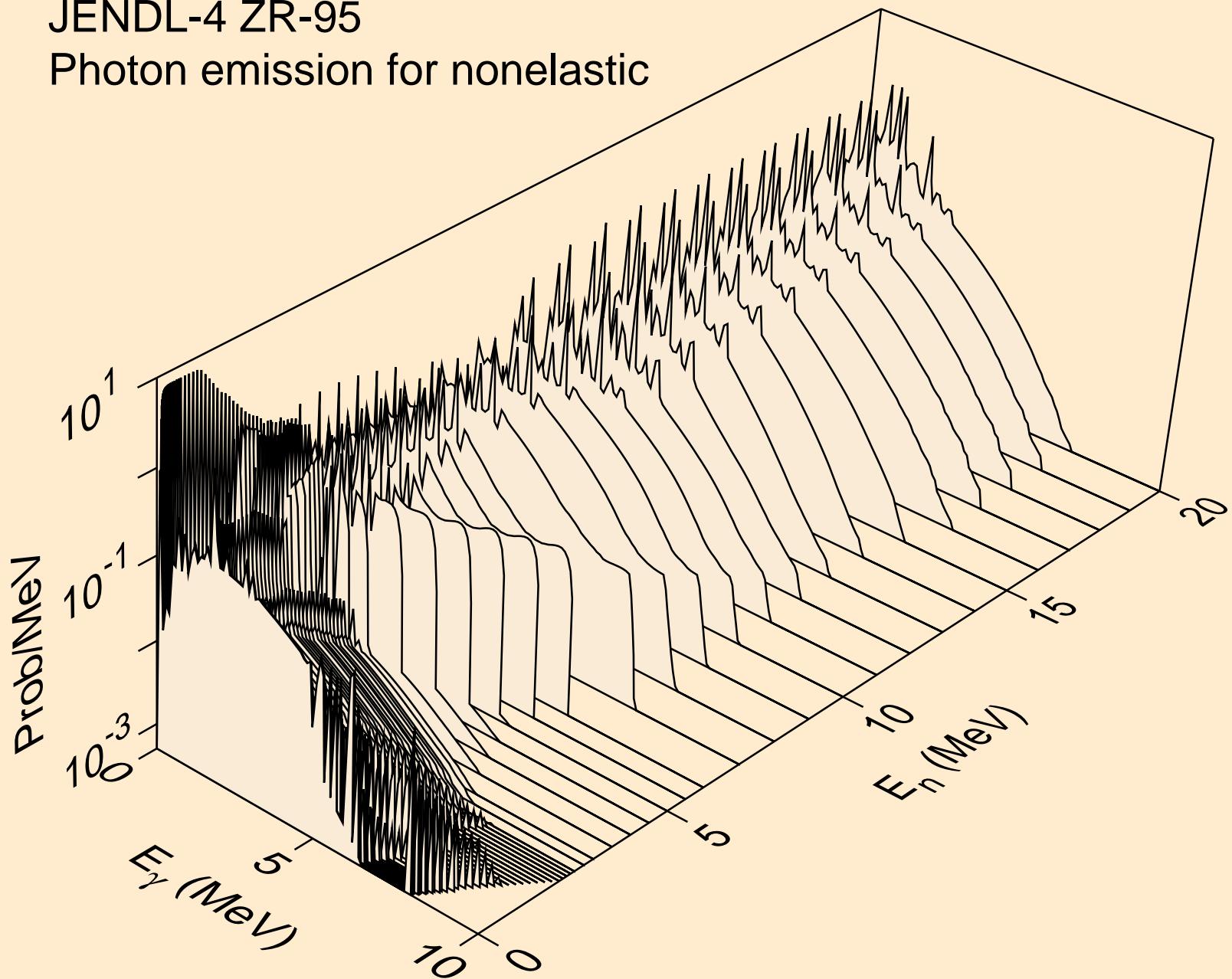
JENDL-4 ZR-95  
Neutron emission for  $(n,n^*)d$



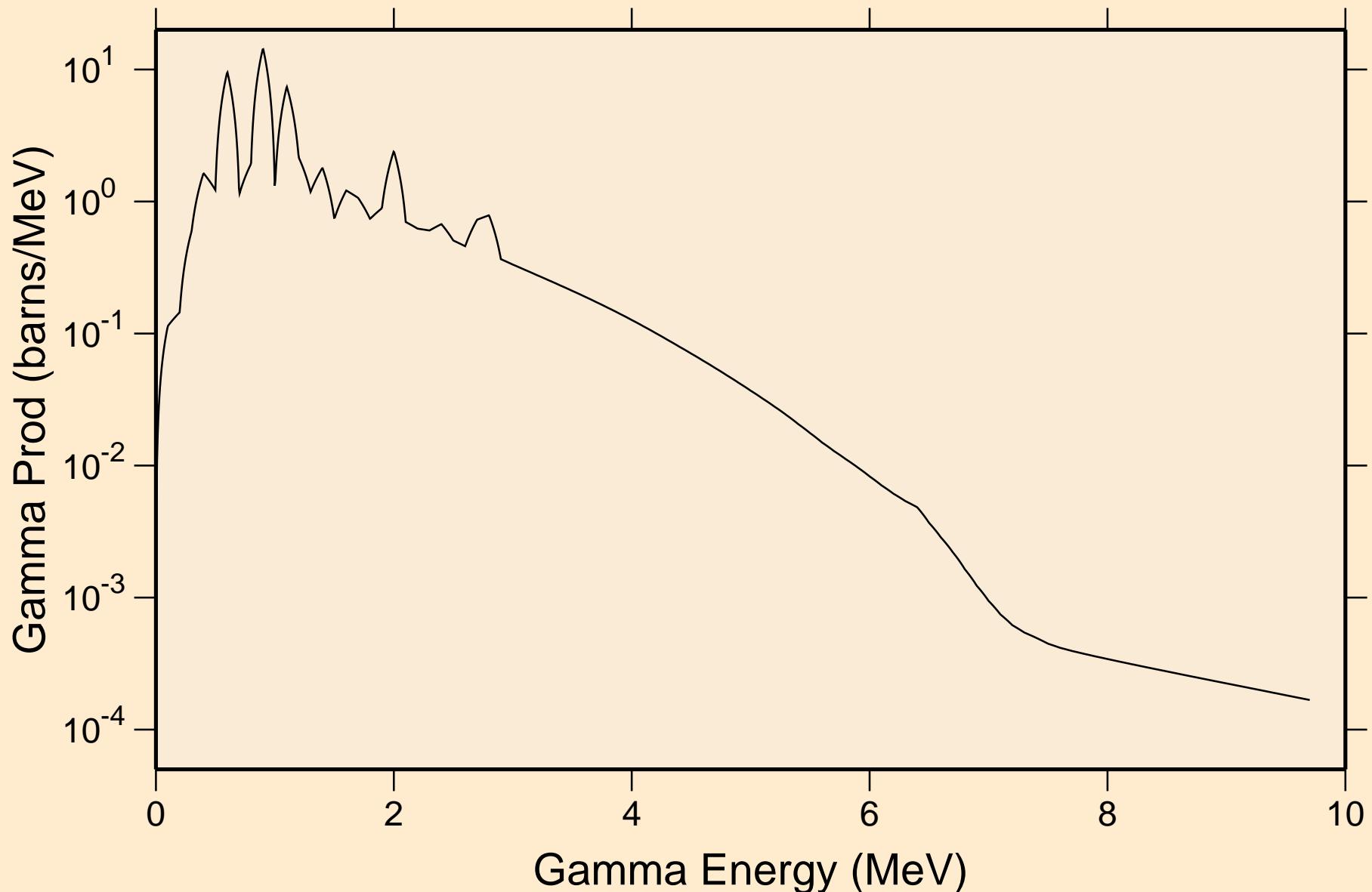
JENDL-4 ZR-95  
Neutron emission for  $(n, n^* c)$



JENDL-4 ZR-95  
Photon emission for nonelastic

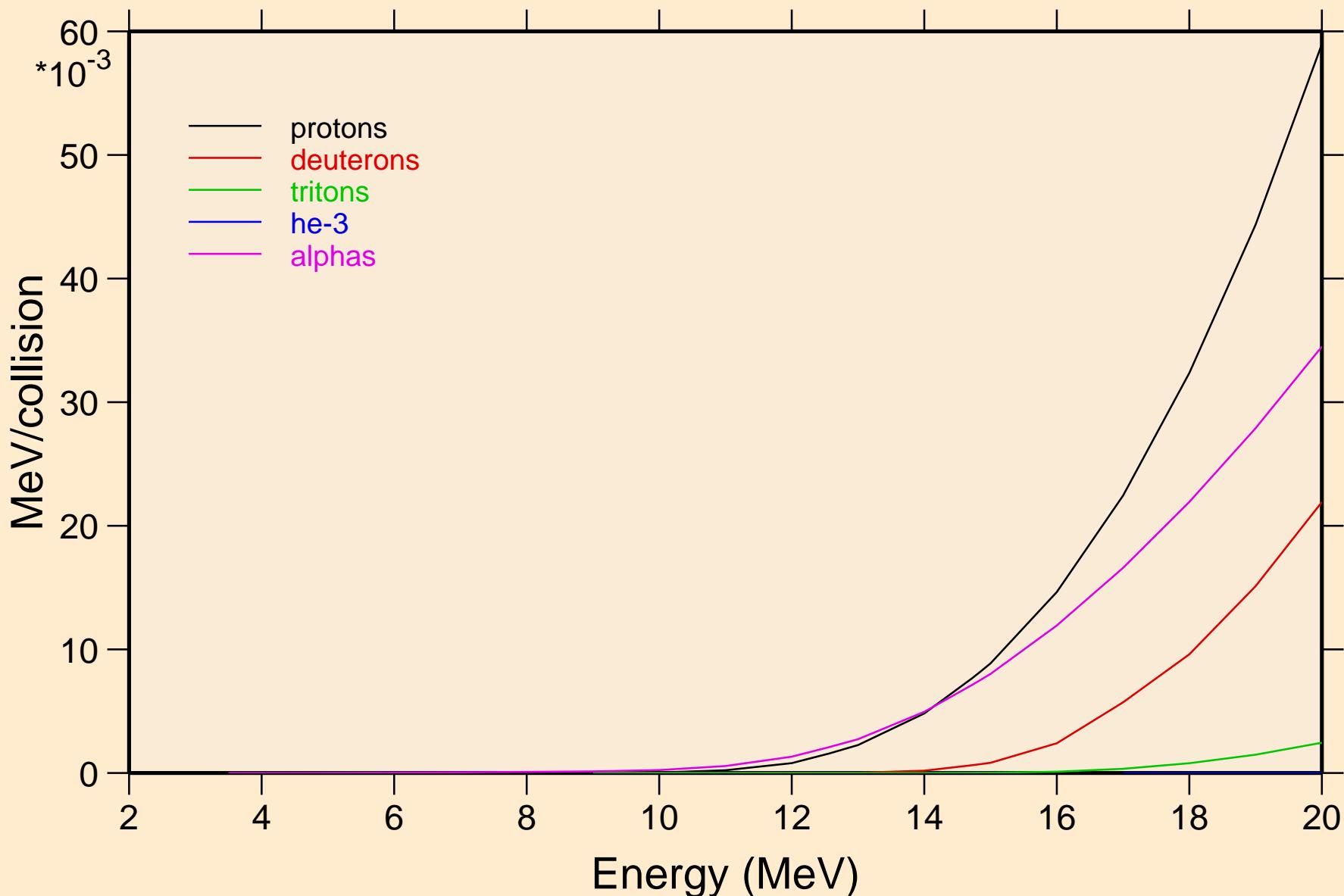


JENDL-4 ZR-95  
14 MeV photon spectrum

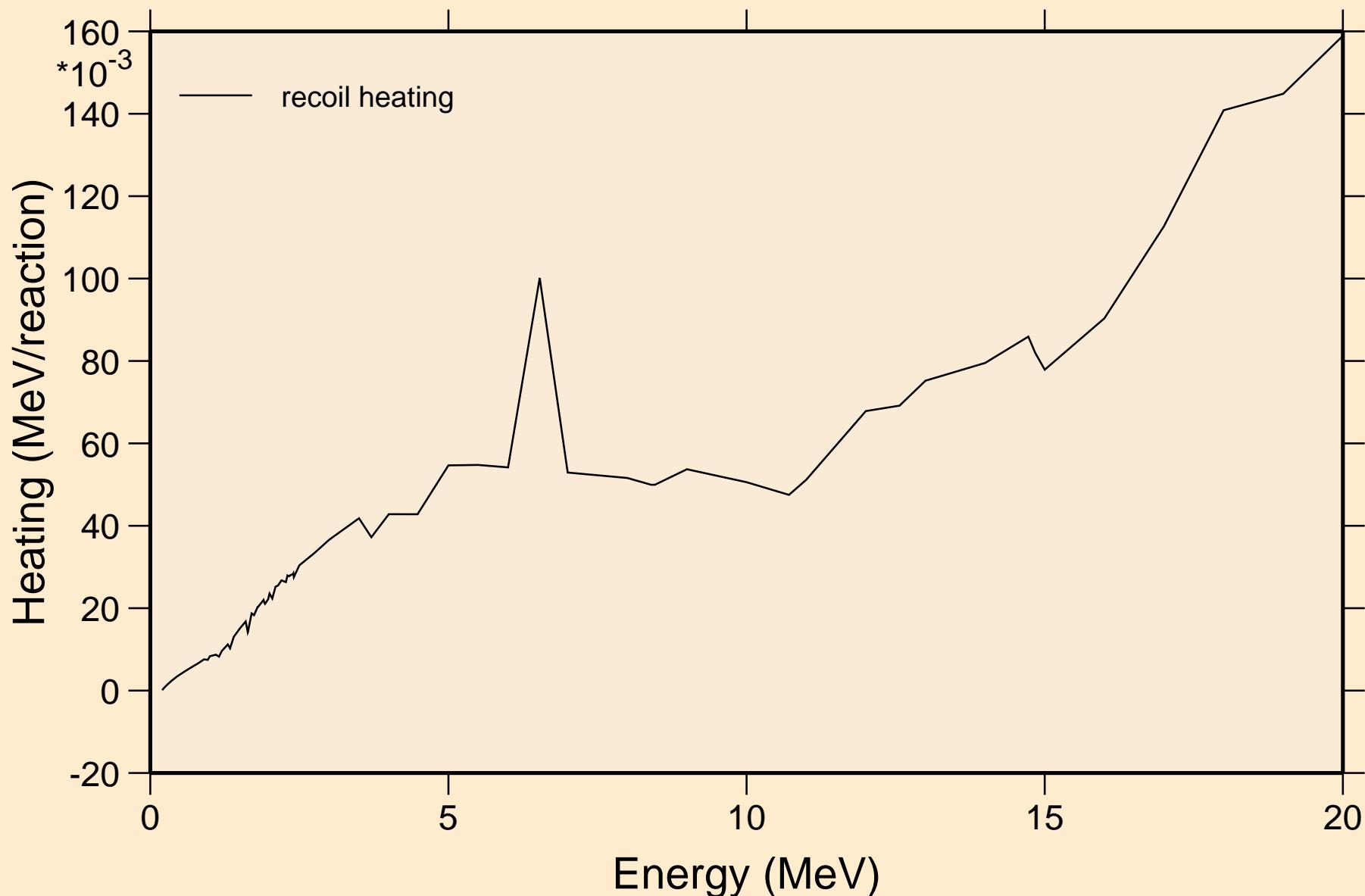


# JENDL-4 ZR-95

## Particle heating contributions

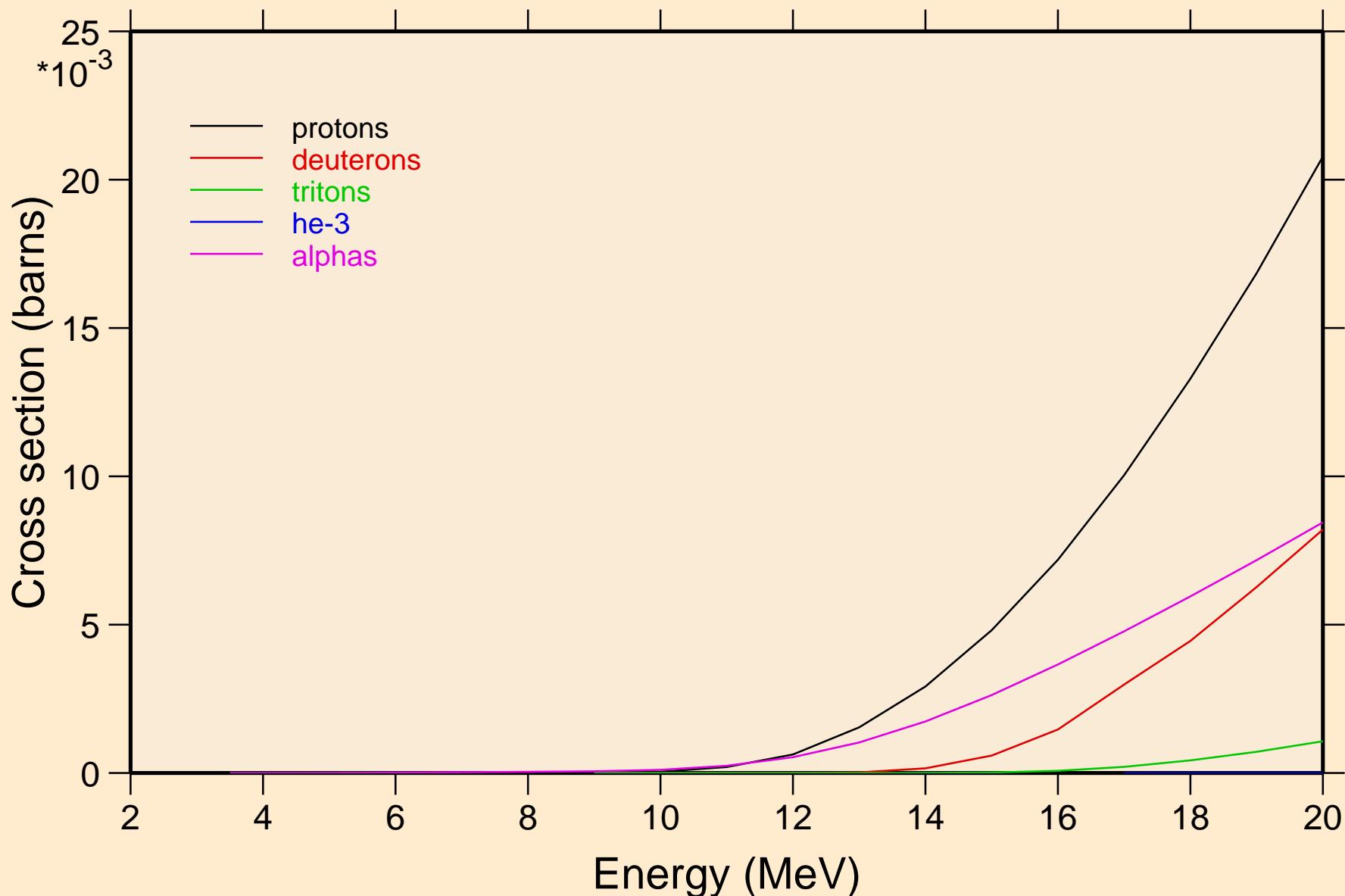


# JENDL-4 ZR-95 Recoil Heating

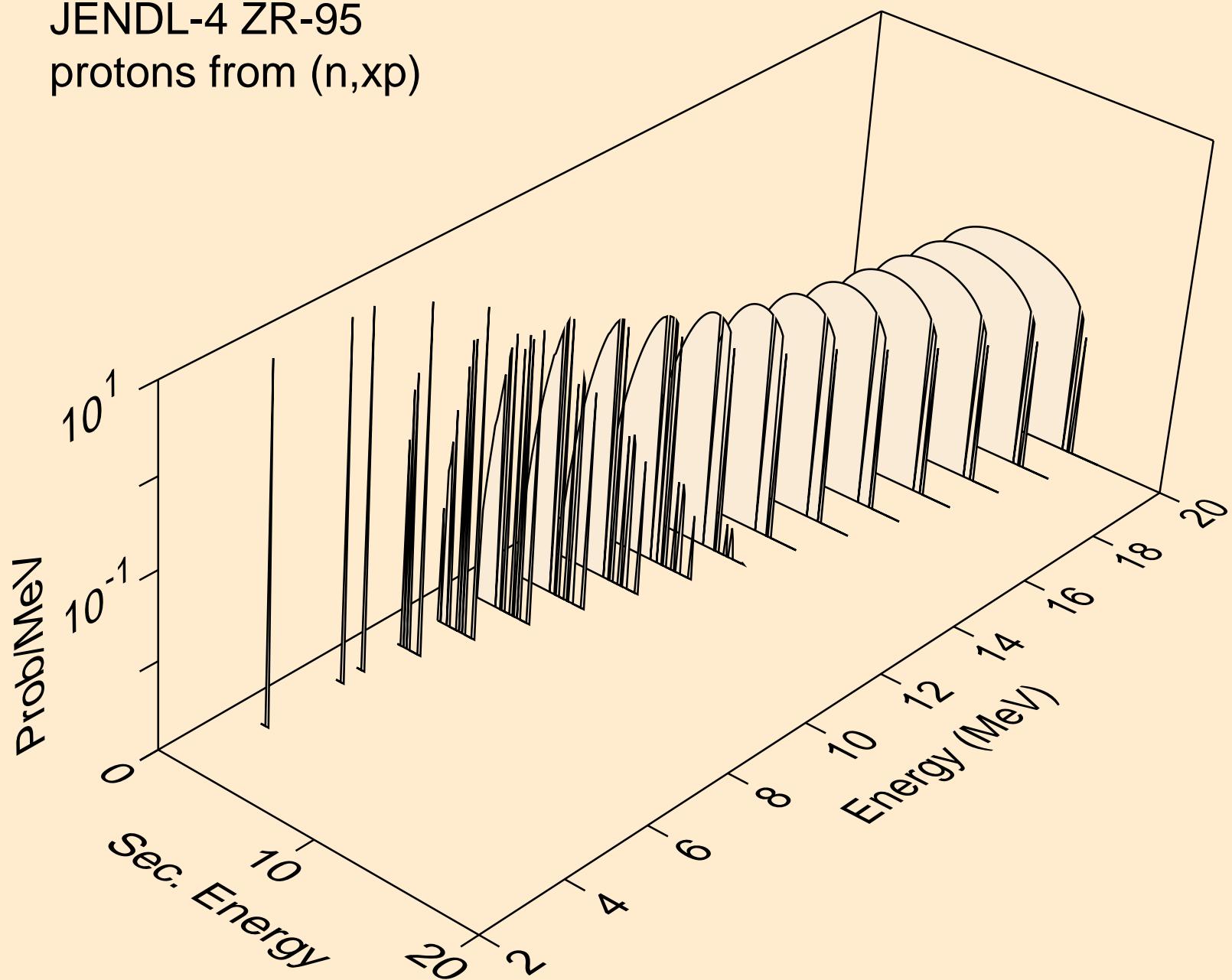


# JENDL-4 ZR-95

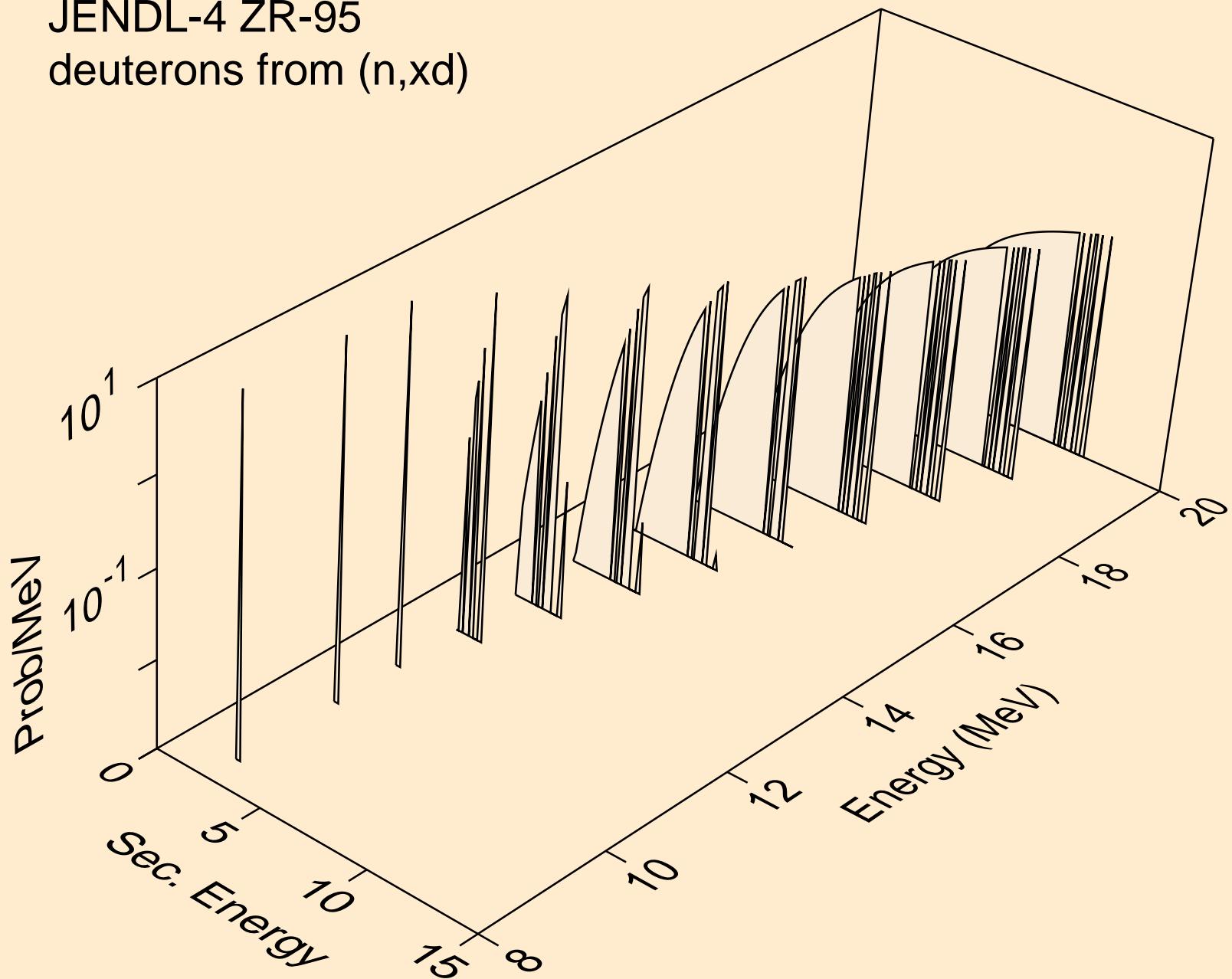
## Particle production cross sections



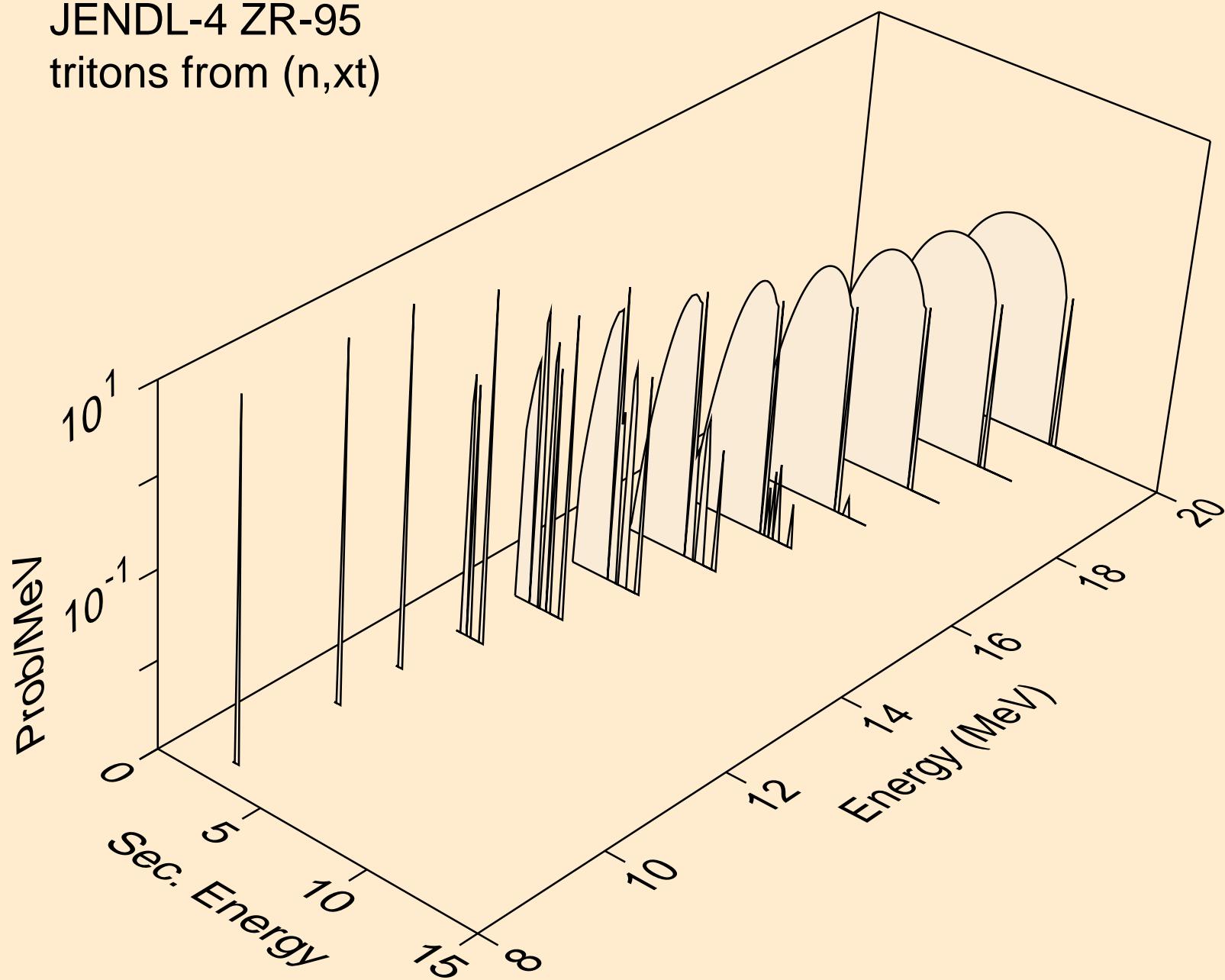
JENDL-4 ZR-95  
protons from ( $n, xp$ )



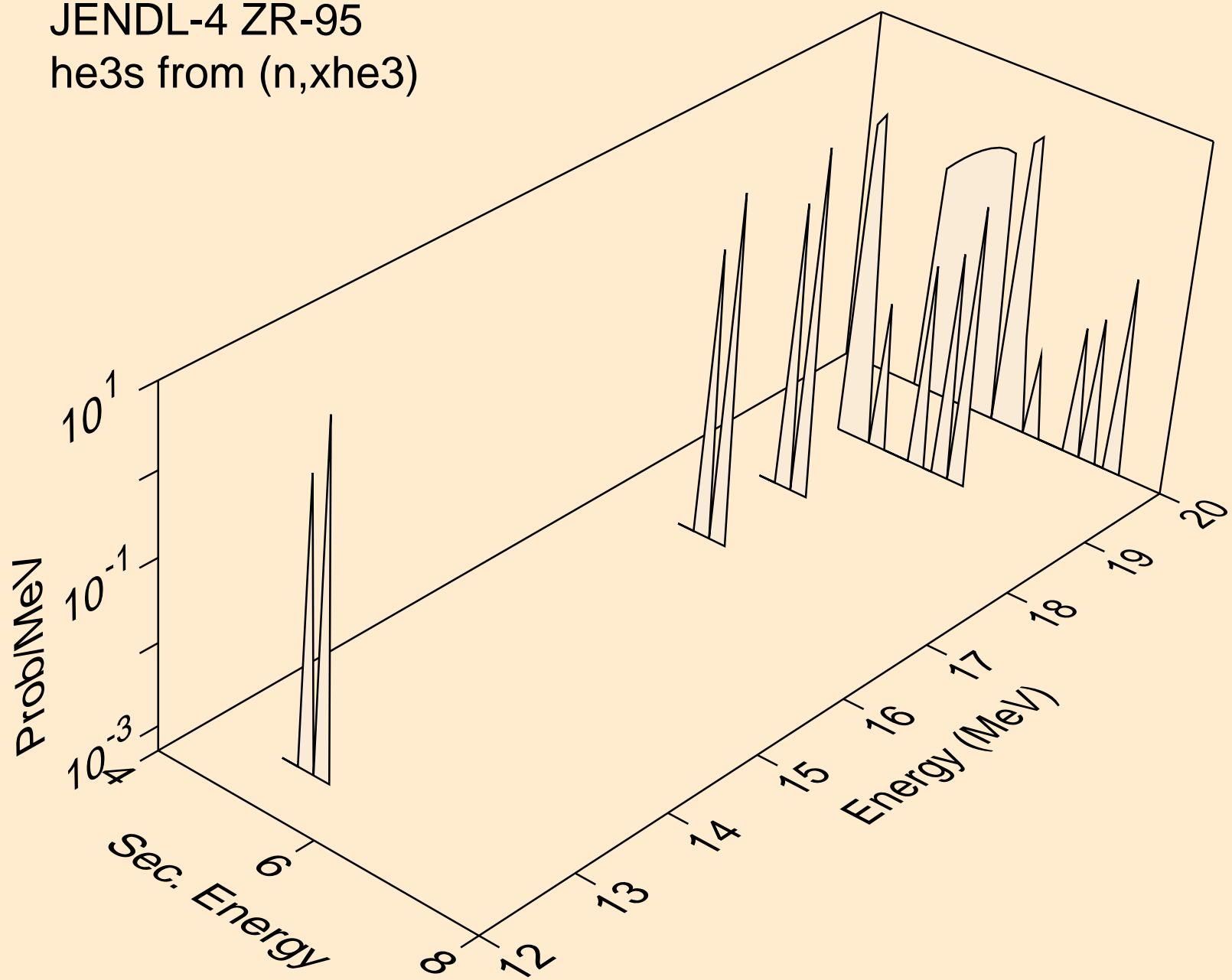
JENDL-4 ZR-95  
deuterons from ( $n, xd$ )



JENDL-4 ZR-95  
tritons from ( $n,xt$ )



JENDL-4 ZR-95  
he3s from ( $n, x\text{he}3$ )



JENDL-4 ZR-95  
alphas from (n,xa)

